



Make Your House
a HOME with
KAROL
Modern Plumbing
and Heating Equipment



Catalog S



ALWAYS FILLED TO ITS CAPACITY
AWAITING YOUR ORDERS

When dealing with us you are assured of getting Guaranteed Plumbing and Heating supplies at a great saving. Never before have such low prices, together with our quality and service, been offered to the public. All of our factories stand back of our guarantee.

Now

Make Your House a Home With Modern Plumbing and Heating

MANY people in the past who have desired modern plumbing and heating in their homes have been under the impression that the cost was too high. This need not stop you from installing good plumbing and heating today, because we are prepared to show you how to have these necessities at a very low cost. If you are buying a home or if your own home does not have these conveniences, or if you are building, we can show you how to save money in dealing with us.

A Sketch Is All That Is Needed

If you will send us a floor plan of the house giving the exact size of each room with the location of the doors, windows and other exposures, we will furnish you with an estimate of the cost of your requirements. From these simple plans we will figure out the most economical and efficient way for you to install your own Plumbing and Heating System and furnish you with detailed instruction on how to do the work.

Save the Cost of Installation

One of the most expensive items in Plumbing and Heating is the cost of installation. With our proposition and our complete plans your only cost is for the material. You can install the job yourself in your spare time.

Simple and Easy to Install

With our directions and plans the work is so simple that the largest job should cause you no trouble. If you don't have the spare time to do this you can get any handy man to do it for you. You don't need an expert, and this means a big saving to you because experts' charges are very high.

Do not let the lack of tools make you think you cannot do this work. With a deposit we will furnish you the necessary tools with the material. This money will be refunded when you return the tools and the loan will not cost you a cent. Large sizes of pipes on Heating Plants are cut to the size necessary.

B. KAROL & SONS CO.

ESTABLISHED 1888

800-802 South Kedzie Avenue
CHICAGO, ILL.

ALL TELEPHONES KEDZIE 9440

PLUMBING EQUIPMENT

by

"KAROL"

Insures you materials of the highest standards that have been in use for many years.

With the ever increasing tendency to make a bathroom your showroom, it can now be had—**BEAUTIFUL** and **CHARMING**.

Visualize a lavatory in enameled iron or solid porcelain with graceful lines, fitted with trimmings patterned of gold and silver.

A bathtub with bold sweeping lines, sparkling under a perfect finish and equipped with chromium plated trimmings—rich in beauty and design.

A closet of solid vitreous porcelain with a gleaming and sparkling surface.

All these features are embodied in **"KAROL"** fixtures which are the best money can buy.

Color in plumbing can now be had in all tones—these having the same high luster as contained in white ware—with trimmings of original designs to harmonize.

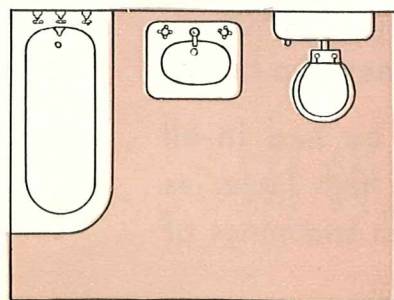


A MODERN bathroom outfit is what everyone wants and now you can have it at a very minimum cost.

Here are two of the most desirable layouts which can be taken in whole or part as each fixture is illustrated separately in this catalogue.

Note the charming lines of the fixtures—the beauty and richness of the trimmings.

SUPREME BATHROOM OUTFIT IN WHITE \$99⁰⁰ COMPLETE



See Color Chart on
Page Seventeen

Specifications and Descriptions

BATHTUB—Corner built-in pattern, 5 feet long, 30 inches wide, enameled inside and outside. The waste and supply fixtures are concealed in the wall and only the solid china cross handles and flanges are exposed. The metal spout and tub drain are chromium plated so the finish will always remain. RIGHT hand corner tub as shown will be furnished unless LEFT hand is specified.

CLOSET COMBINATION consists of a syphon jet bowl of the noiseless type, high grade all vitreous china tank of large capacity with china trip lever, all white flush connection from tank to bowl, heavy interior fittings and mahogany seat with chromium hinges.

PEDESTAL LAVATORY—Size 20x24 inches, square design of high quality enamel. Equipped with the latest style chromium plated mixing valves by which hot and cold water can be mixed to the desired temperature. Heavy brass nickel plated trap and supply pipes for either wall or floor connection. Wall trimmings will be furnished unless otherwise specified.

If 5½ foot bathtub is desired add.....\$ 4.00
Shipping weight about 800 lbs.

If white or plain colored celluloid seat is wanted instead of mahogany add 1.90

Additional for mother-of-pearl seat..... 8.25

If shower equipment like figure S-202 is desired add..... 10.00

[See Page Twenty-one for Shower Curtains]

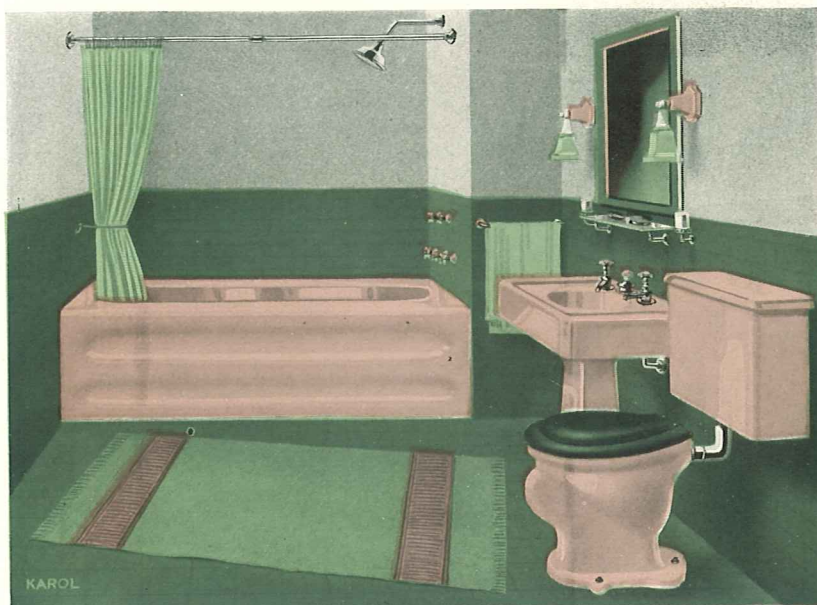
This bathroom outfit can be furnished in any of the colors shown in the chart on page seventeen for.....\$130.00

All colored fixtures are equipped with all metal handles and flanges in chromium and the closet seats and shower curtains are supplied in the corresponding shade.

AS MUCH as we have tried to bring out these features in the illustrations, it is impossible to do so as the actual pieces are much more graceful and attractive in reality.

Color in plumbing fixtures can now be had in a wide range to meet practically every preference.

Prices for this ware are named herein as well as those covering accessories. "Color charts are shown on page seventeen.



Specifications and Descriptions

BATHTUB—Recess built-in apron pattern, 5 feet long, 30 inches wide, enameled inside and outside. A 4½ foot tub can be furnished at the same price when specified. The waste and supply fixtures are concealed in the wall and only the full china cross handles and flanges are exposed. The metal spout and tub drain are chromium plated so the finish will always remain. RIGHT hand trimmings as shown will be furnished unless LEFT hand is specified.

CLOSET COMBINATION consists of a deep seal syphon action washdown bowl with jet, high-grade all vitreous china tank of large capacity with white china trip lever, all white flush connection, heavy interior trimmings and mahogany seat with chromium plated hinges

PEDESTAL LAVATORY—Size 20x24 inches, square design of high quality enamel. Equipped with chromium plated pop-up waste fixture with solid china knob which eliminates the necessity of a rubber stopper. Heavy elevated pattern compression basin cocks with solid china cross handles indexed hot and cold and nickel plated trap and supply pipes either to floor or wall. Trap and supplies to the wall will be furnished unless otherwise specified.

If 5½ foot bathtub is desired add.....\$3.50
Shipping weight, 750 lbs.

SHOWER EQUIPMENT—Chromium plated parts and all china head and flange, concealed shower valves with only the solid china cross handles indexed hot and cold and china flanges exposed, also heavy duck curtain. Complete\$9.00

If white or plain colored celluloid finished seat is wanted instead of mahogany, add..... 1.90

Additional for mother-of-pearl closet seat..... 8.25

Extra for colored shower curtain, see page twenty-one..... 4.50

This bathroom outfit can be furnished in any of the colors shown in the chart on page seventeen for.....\$124.00

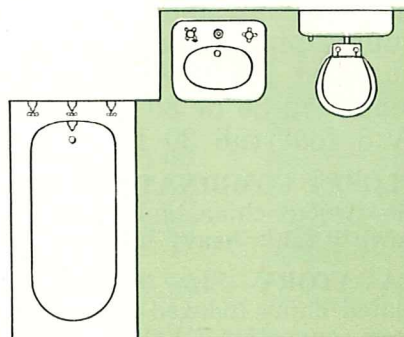
All colored fixtures are equipped with all metal handles and flanges in chromium and the closet seats and shower curtains are supplied in the corresponding shade.

PEERLESS BATHROOM OUTFIT IN WHITE

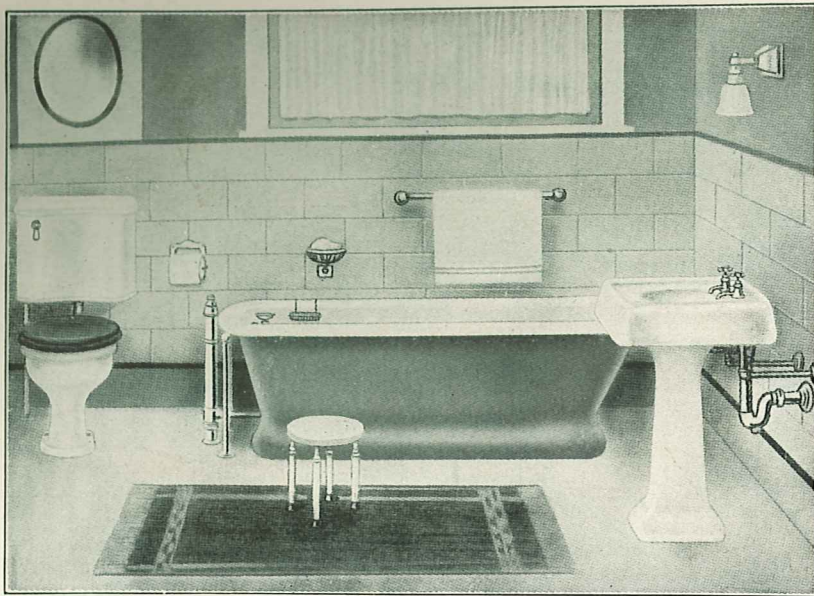
\$89⁷⁰

COMPLETE

Without Shower



See Color Chart on
Page Seventeen



MAJESTIC BATHROOM OUTFIT COMPLETE

\$80⁰⁰

BATHTUB ON BASE. Cast iron porcelain enameled inside, painted outside. Equipped with IDEAL waste which eliminates the necessity of a rubber stopper, nickel plated compression bath cock with china indexed handles and nickel plated supply pipes. This bathtub is 30 inches wide and can be furnished either 4½ or 5 feet long.

CLOSET COMBINATION consists of a syphon jet bowl of the noiseless type, high grade all vitreous china tank of large capacity with china trip lever, all white flush connection from tank to bowl, heavy interior trimmings and mahogany seat with chromium plated hinges.

PEDESTAL LAVATORY—Size 20x24 inches, square design, of high quality enamel. Equipped with chromium plated pop-up waste fixture, heavy compression basin cocks having full china handles indexed hot and cold and nickel plated trap and supply pipes either to wall or floor. Trap and supplies to wall will be supplied unless otherwise specified.

This outfit with trimmings as shown and described in Jewel bathroom outfit.....\$77.00

If white or plain colored celluloid seat is desired instead of mahogany add..... 1.90

If mother-of-pearl closet seat is wanted add..... 8.25

JEWEL BATHROOM OUTFIT COMPLETE

\$52⁵⁰

BATHTUB—Cast iron porcelain enameled inside, painted outside. Equipped with nickel plated combination compression bath cock with china handles indexed hot and cold, nickel plated connected waste and overflow and nickel plated supply pipes. Bathtub can be supplied in 4, 4½ or 5 foot length in 26 or 30 inch width.

A 5 foot tub 30 inches wide will be supplied unless otherwise specified.

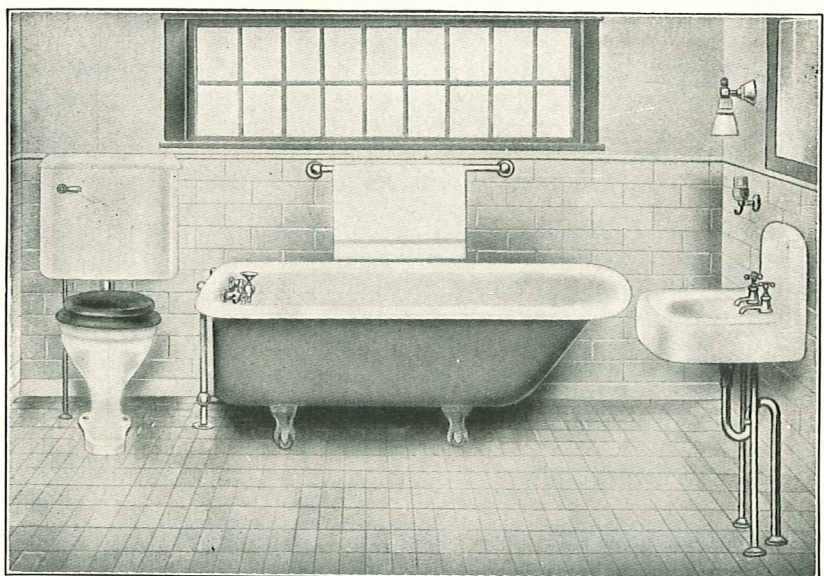
CLOSET COMBINATION consists of a deep seal syphon action washdown bowl with jet, high grade all vitreous china tank of large capacity with white china trip lever, all white flush connection from bowl to tank, heavy interior trimmings and mahogany seat with chromium plated hinges.

LAVATORY—Size, 18x21 inches, cast iron porcelain enamel of highest quality. Equipped with nickel plated china indexed compression basin cocks, nickel plated trap and supply pipes for either wall or floor connection. Wall trimmings will be furnished unless otherwise specified. Shipping weight about 490 lbs.

If white or plain colored celluloid seat is wanted instead of mahogany add.....\$ 1.90

This outfit can be furnished with a 17x19 inch apron lavatory and bathtub equipped with short supplies, otherwise the same for..... 51.50

SEE COLOR CHART ON PAGE SEVENTEEN



BUILT-IN CORNER APRON BATHTUB

With Exposed Trimmings

\$56⁰⁰ Complete

S-100 BATHTUB, corner built-in apron pattern, 5 feet long, 30 inches wide, cast-iron porcelain enameled inside and outside. The waste and supply fixtures are all heavy cast brass, highly nickel plated having solid china cross

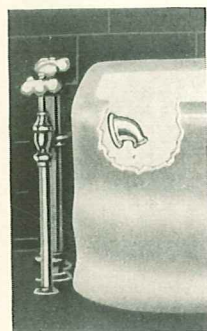


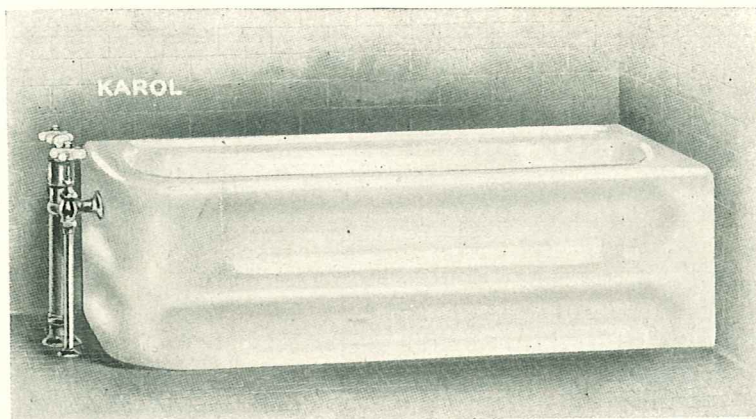
Illustration Showing Spout Inside of Tub

handles indexed "HOT," "COLD"

and "WASTE." The only logical bathtub with connections that will fit where the waste and supply pipes come through the floor and where concealed fixtures cannot be installed. This tub can be furnished to be built in either right or left hand corner, but RIGHT hand as shown will be furnished unless otherwise specified.

Shipping weight about 500 lbs.

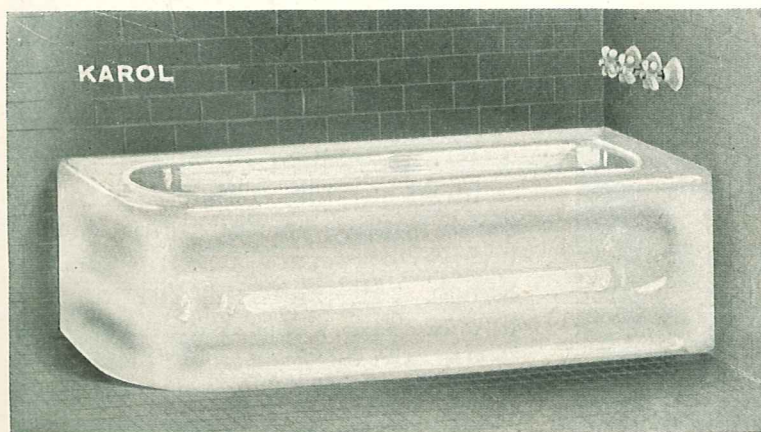
Bathtub only without trimmings.....	\$41.00
This bathtub can be supplied in color complete at.....	70.00
If chromium plated trimmings are wanted add	5.50



Make Up Your Own Bathroom Outfit by Selecting Fixtures Separately

BUILT-IN CORNER APRON BATHTUB

\$53⁰⁰ Complete



S-101 BATHTUB, corner built-in apron pattern, 5 feet long, 30 inches wide, cast-iron, enameled inside and outside. The waste and supply fixtures are concealed in the wall and only the solid china cross handles and flanges are exposed. RIGHT hand corner tub as shown will be furnished unless LEFT hand is specified. This is the

style tub that is now being installed when sanitary conditions are desired.

Shipping weight about 480 lbs.

If a 5½ foot tub is desired add.....	\$ 4.00
Bathtub only without trimmings.....	41.00
This bathtub can be supplied in color complete at	66.00
This tub can be furnished with over-rim filler and valves as shown in small illustration of figure S-102 for	50.25

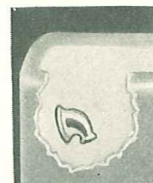
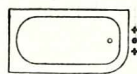


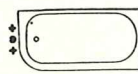
Illustration Showing Spout Inside of Tub

These diagrams illustrate positions of corners and should be noted when ordering.

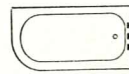
[[SEE COLOR CHART
ON PAGE SEVENTEEN]]



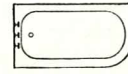
S-100—L. H.



S-100—R. H.



S-101—R. H.



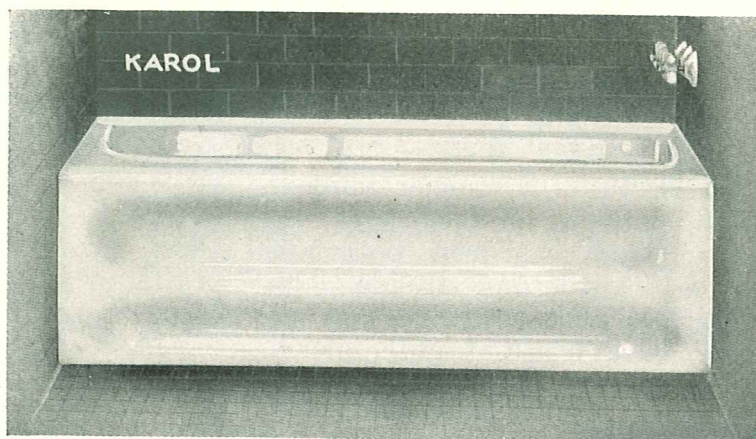
S-101—L. H.

All colored fixtures are furnished with chromium plated trimmings.

BUILT-IN RECESS APRON BATHTUB

\$48⁰⁰ Complete

S-102 APRON BATHTUB—Recess pattern 4½ or 5 feet long, 30 inches wide, cast iron enameled inside and outside. The waste and supply fixtures are concealed in the wall and only the china cross handles and flanges are exposed. A 5 foot tub with RIGHT hand trimmings as shown will be furnished unless



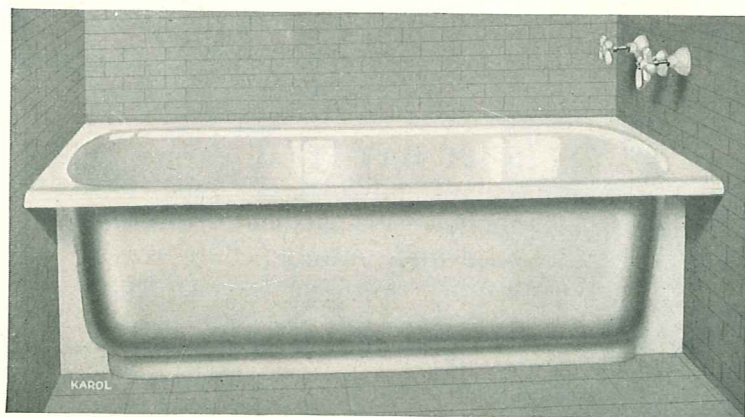
LEFT hand is specified. Shipping weight about 450 pounds.

Bathtub only, without trimmings.....	\$36.25
If a 5½ foot tub is desired, add.....	3.50
This bathtub can be supplied in the 5 foot size in color complete....	60.50
If 5½ foot tub is desired in color, add	4.50
This bathtub in white enamel with trimmings as shown in small illustration, complete	44.00
Add for color with trimmings as shown in small illustration.....	11.00

All built-in fixtures are furnished with chromium plated trimmings at the above price.

BUILT-IN ROLL RIM RECESS BATHTUB

\$42⁵⁰ Complete



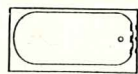
S-103 ROLL RIM RECESS BATH-TUB—Cast iron porcelain inside, painted outside. This tub is of the same quality as the higher priced built-in tubs, except that it has the 3-inch roll rim instead of the apron. The waste and supply fixtures are concealed in the wall and only the solid china indexed

cross handles and china flanges are exposed. RIGHT hand trimmings as shown will be furnished unless LEFT hand is specified. Length, 4½ or 5 feet; width, 30 inches. Shipping weight, 300 pounds.

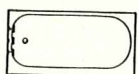
Price tub only.....	\$31.50
Add for 5½ foot tub.....	3.30
This bathtub complete in white enamel in 4½ or 5 foot size, with trimmings as shown in small illustration, complete	38.50

SEE COLOR CHART ON PAGE SEVENTEEN

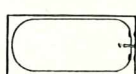
Refer to diagrams below for positions of trimmings as may be required.



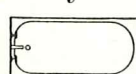
S-102—Right Hand



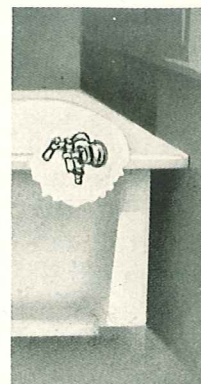
S-102—Left Hand



S-103—Right Hand



S-103—Left Hand



ROLL RIM BASE TUB COMPLETE \$36⁸⁰

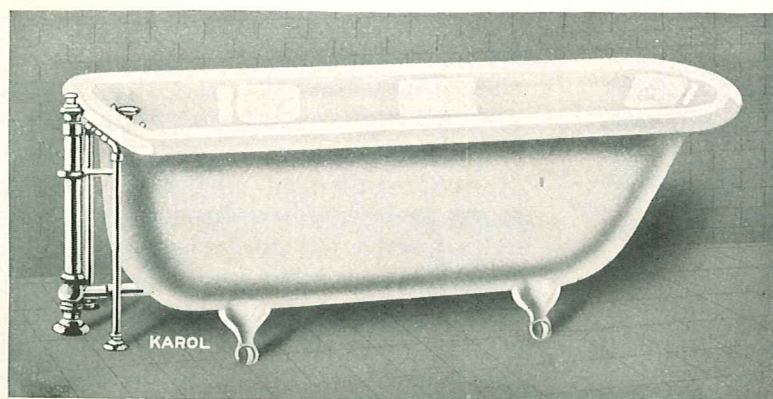
S-104 BATHTUB-ON-BASE—Cast iron porcelain enameled on base. Equipped with IDEAL lifting waste having china knob, eliminating the necessity of a rubber stopper, heavy nickel plated compression bathcock with china handles indexed hot and cold and nickel plated supply pipes. Width of tub 30 inches.

Length	4½ ft.	5 ft.
Weight	275 lbs.	300 lbs.
Price complete	\$36.70	\$36.80
Bathtub complete with trimmings like S-106	32.70	32.80
Price bathtub only	26.50	26.60



Make Up Your Own Bathroom Outfit by Selecting Fixtures Separately

ROLL RIM TUB COMPLETE \$28⁵⁰



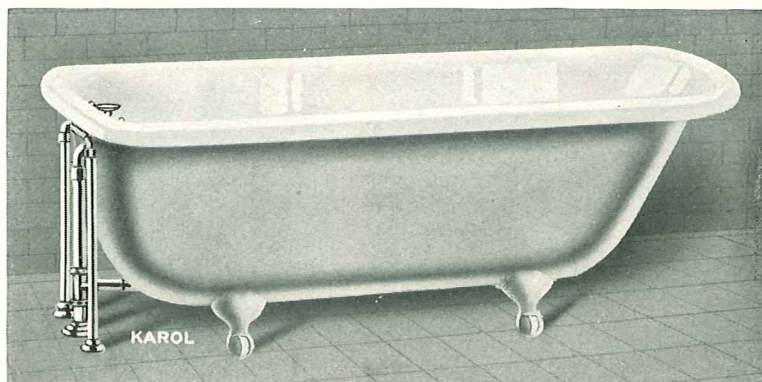
S-105 BATHTUB-ON-LEGS—Cast iron porcelain enameled inside, painted outside. Equipped with nickel plated combination compression bathcock with china handles indexed hot and cold, nickel plated IDEAL lifting waste with china knob eliminating the necessity of a rubber stopper and nickel plated supply pipes. Width of tub 30 inches. Can also be supplied 26 inches wide, no extra cost.

Length	4 ft.	4½ ft.	5 ft.
Weight	290 lbs.	300 lbs.	310 lbs.
Price complete	\$28.30	\$28.40	\$28.50
Price tub only	19.30	19.40	19.50

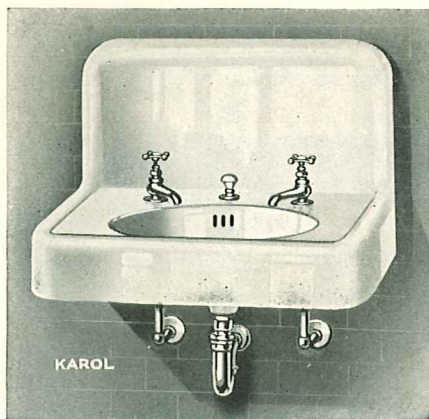
ROLL RIM TUB COMPLETE \$24⁵⁰

S-106 BATHTUB-ON-LEGS—Cast iron porcelain enameled inside, painted outside. Equipped with combination nickel plated compression bathcock with china indexed handles, nickel plated combination waste and overflow and nickel plated supply pipes. Width of tub 30 inches. Can be furnished 26 inches wide, no extra cost.

Length	4 ft.	4½ ft.	5 ft.
Weight	290 lbs.	300 lbs.	310 lbs.
Price complete	\$24.30	\$24.40	\$24.50
Price tub only	19.30	19.40	19.50



[[SEE COLOR CHART ON PAGE SEVENTEEN]]



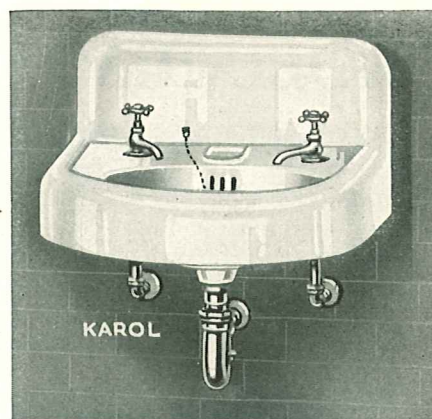
S-107 LAVATORY. Cast iron porcelain enameled; size 18x24 inches, with 10 inch high back. Equipped with pop up waste fixture which eliminates the necessity of a rubber stopper, heavy nickel plated china indexed compression basin cocks, nickel plated trap and supplies either to wall or floor. Wall trimmings will be furnished unless otherwise specified. Weight, 110 lbs.

Price complete	\$14.90
Price lavatory only.....	9.05
This lavatory can be furnished in color complete for	18.90
Add for chromium plated faucets.....	1.50



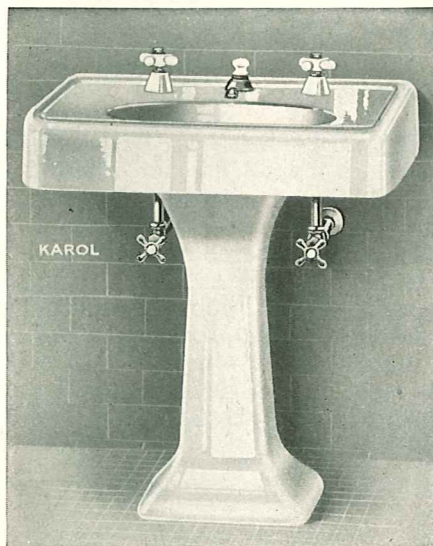
S-108 LAVATORY. Cast iron porcelain enameled; size 18x24 inches, with 10 inch back. Equipped with heavy nickel plated china indexed compression basin cocks, nickel plated trap and supply pipes for either wall or floor connection. Wall trimmings will be furnished unless otherwise specified. Weight, 110 lbs.

Price complete	\$13.20
Price lavatory only.....	9.05
Price complete 17x21 inch size.....	11.75
Lavatory complete 18x24 inch in color.....	16.80
Lavatory complete 17x21 inch in color.....	14.60
Add for chromium plated faucets.....	1.50



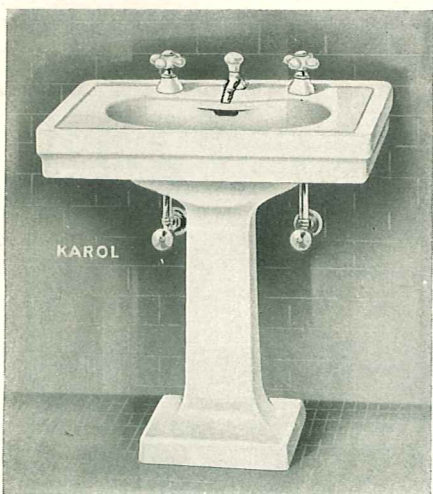
S-109 LAVATORY. Cast iron porcelain enameled; size 18x21 inches, with 8 inch back. Equipped with heavy china indexed compression basin cocks, nickel plated trap and supply pipes for either wall or floor connection. Wall trimmings will be furnished unless otherwise specified. Weight, 80 lbs.

Price complete	\$11.25
Price lavatory only.....	6.85
Price complete 17x19 inch size.....	10.50
Lavatory complete 18x21 inch in color.....	14.25
Lavatory complete 17x19 inch in color.....	13.50
Add for chromium plated faucets.....	1.50



S-110 PEDESTAL LAVATORY. Cast iron porcelain enameled all over; size 20x24 inches. Height, 32 inches. Equipped with the latest style mixing faucets whereby hot and cold water can be mixed to the desired temperature (see S-118 for illustration). All white china handles and flanges, heavy brass trimmings chromium plated with trap and supplies to floor or wall. Wall trimmings furnished unless otherwise specified. Weight, 180 lbs.

Price lavatory complete	\$24.50
Lavatory complete 22x27 inch size.....	30.60
Lavatory complete 20x24 inch in color	30.50
Lavatory complete 22x27 inch in color	36.75



S-111 PEDESTAL LAVATORY. Genuine vitreous china; size 20x24 inches. Equipped with the latest style combination mixing faucets whereby hot and cold water can be obtained at the desired temperature. This is the same equipment as furnished with Pedestal Lavatory S-110. Weight, 140 lbs.

Price lavatory complete.....	\$31.50
Price lavatory complete 22x27 inch size	37.50
Price lavatory 20x24 inch in color.....	38.20
Price lavatory 22x27 inch in color.....	44.20



S-112 LAVATORY. Porcelain enameled cast iron roll rim style; size 17x19 inches, with 6 inch back. Furnished with heavy nickel plated china indexed compression basin cocks, nickel plated trap and supply pipes for either wall or floor connection. Wall trimmings will be supplied unless otherwise specified. Weight, 60 lbs.

Price lavatory complete.....	\$ 9.75
Price lavatory only.....	5.50
Lavatory complete in color.....	12.20
Add for chromium plated faucets.....	1.50

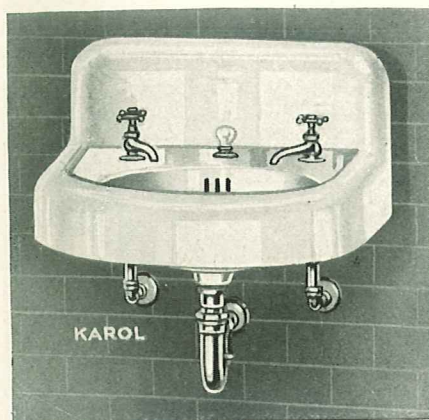


S-113 LAVATORY. Cast iron porcelain enameled roll rim corner type with 16½ inch sides. Equipped with heavy nickel plated china indexed compression basin cocks, nickel plated trap and supply pipes for either wall or floor connection. Wall trimmings will be furnished unless otherwise specified. Weight, 60 lbs.

Price lavatory complete.....	\$11.25
Price lavatory only.....	7.80
Lavatory complete in color.....	14.25
Add for chromium plated faucets.....	1.50

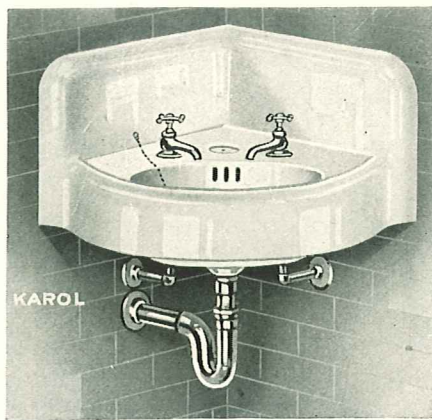
THE illustrations shown on these pages cover various types of the most modern styles and designs of both wall and pedestal lavatories in enameled iron and vitreous china. They are very economical in cost and make a handsome and attractive fixture no matter what size bathroom in which they are installed. You will note many of the designs are specified in different sizes so as to meet with your particular requirements and can be selected separately in making up your own complete bathroom outfit. They are also shown with different types of trimmings, most of which are interchangeable, so if a set of trim-

SEE COLOR CHART ON PAGE SEVENTEEN



S-114 LAVATORY. Porcelain enameled cast iron; size 18x21 inches, with 8 inch back. Equipped with pop up waste fixture which eliminates the need of a rubber stopper, heavy nickel plated compression china indexed basin cocks, nickel plated trap and supply pipes for either wall or floor connection. Wall trimmings will be supplied unless otherwise specified. Weight 80 lbs.

Price lavatory complete.....\$12.70
 Price lavatory only..... 6.85
 Price lavatory complete in color..... 15.50
 Add for chromium plated faucets..... 1.50



S-115 LAVATORY. Porcelain enameled cast iron, sides 16½ inches, with 6 inch back. Corner type apron style. Equipped with heavy china indexed compression basin cocks, nickel plated trap and supply pipes for either wall or floor connection. Wall trimmings will be furnished unless otherwise specified. Weight, 75 lbs.

Price lavatory complete.....\$12.60
 Price lavatory only..... 8.40
 Price lavatory complete in color..... 15.60
 Add for chromium plated faucets..... 1.50



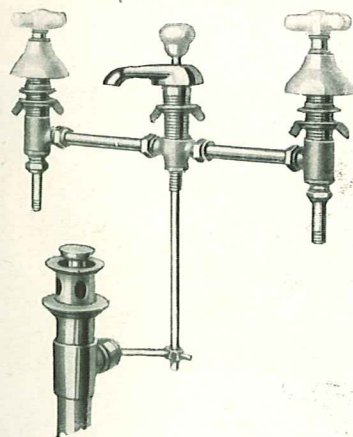
S-116 LAVATORY. Porcelain enameled cast iron, size 14x26 inches, with 6 inch back. This is the ideal lavatory for a small room, having long, ample width and a narrow front to back dimension. This is the typical space saving lavatory. Equipped with heavy china indexed nickel plated compression basin cocks, nickel plated trap and supplies for either wall or floor connection. Wall trimmings will be supplied unless otherwise specified. Weight, 90 lbs.

Price lavatory complete.....\$14.75
 Price lavatory only..... 10.50
 Price lavatory complete in color..... 18.50
 Add for chromium plated faucets..... 1.50

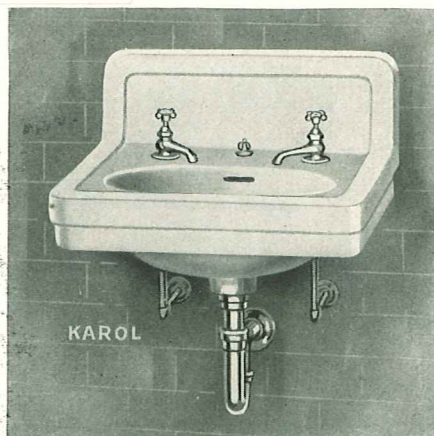
gings is desired in a complete lavatory and the illustration shows it otherwise, advise us of your requirements, whereupon a price will be submitted. Then again, if you need a lavatory not shown herein, let us know, for we can supply almost any style or type made. Color in lavatories can be had in a wide range of shades and these can be seen in the color chart shown on page seventeen. Chromium plated trimmings are now greatly desired and prices are given in the description pertaining to each lavatory. Colored lavatories are furnished with chromium plated trimmings, no extra charge.

S-117 PEDESTAL LAVATORY. Cast iron porcelain enameled all over, size 20x24 inches, 32 inches high. Equipped with pop up waste fixture which eliminates the rubber stopper, heavy nickel plated full china cross handle compression basin cocks, nickel plated trap and supply pipes for either wall or floor connection. Wall trimmings will be furnished unless otherwise specified. Weight, 180 lbs.

Price lavatory complete.....\$21.35
 Price lavatory complete 22x27 inch size..... 27.35
 Price lavatory complete 20x24 inch in color..... 26.70
 Price lavatory complete 22x27 inch in color..... 32.70
 Add for chromium plated faucets..... 1.50

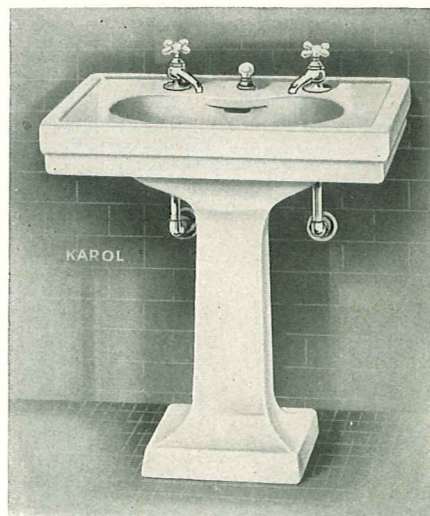


S-118 COMBINATION LAVATORY SUPPLY AND POP UP WASTE FIXTURE. This is the mixing type of fixture used on lavatories S-110 and S-111. It can also be attached to other style lavatories and may be applied to your present one. Furnished only in chromium plated. Price complete.....\$7.25



S-119 LAVATORY. Genuine vitreous china, size 18x20 inches, with 6 inch back. Equipped with heavy nickel plated china indexed compression basin cocks, nickel plated trap and supply pipes for either wall or floor connection. Wall trimmings will be supplied unless otherwise specified. Weight, 85 lbs.

Price lavatory complete.....\$16.00
 Price lavatory only..... 10.90
 Price lavatory complete in color..... 24.00
 Add for chromium plated faucets..... 1.50



S-120 PEDESTAL LAVATORY. Genuine vitreous china, size 20x24 inches. Equipped with the same style of trimmings as lavatory S-117. Weight, 145 lbs.

Price lavatory complete.....\$26.75
 Price lavatory complete 22x27 inch size..... 32.75
 Price lavatory complete 20x24 inch in color..... 39.00
 Price lavatory complete 22x27 inch in color..... 45.00
 Add for chromium plated faucets..... 1.50

SEE COLOR CHART ON PAGE SEVENTEEN



S-121 CLOSET COMBINATION—Consists of a solid vitreous china low-down tank, bowl with jet and mahogany or golden oak finished seat. The tank is completely fitted with heavy cast brass parts and all china trip lever of latest design and closet bowl of syphon action wash-down type, which is extensively used in all kinds of work. Do not confuse this outfit with the white composition closets that are offered for just a trifle less money. This outfit is complete ready to install. Shipping weight, 125 pounds.
 Complete\$17.55
 White celluloid finished seat extra..... 1.90
 This closet combination in color with figure S-177 plain colored seat. 32.30
 Complete 32.30
 Add for figure S-178 colored pearl seat.. 8.25



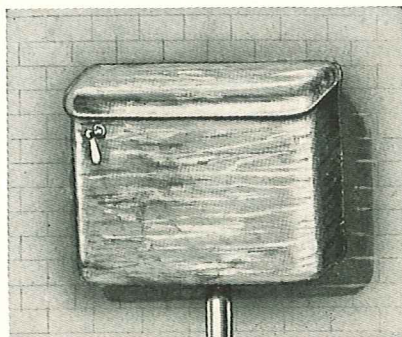
S-122 CLOSET COMBINATION—Consists of a solid vitreous china low-down tank and bowl with mahogany or golden oak finished seat. The tank is completely fitted with heavy cast brass parts of latest design, all china trip lever, syphon jet closet bowl of the noiseless type and the closet seat is of wonderful construction, which does not split with ordinary use, equipped with heavy cast brass bar hinges. The combination is complete ready to install. Shipping weight, 150 pounds.
 Complete\$22.50
 White celluloid finished seat extra..... 1.90
 This closet combination in color with S-177 plain colored seat complete..... 39.50
 Add for figure S-178 colored pearl seat.. 8.25



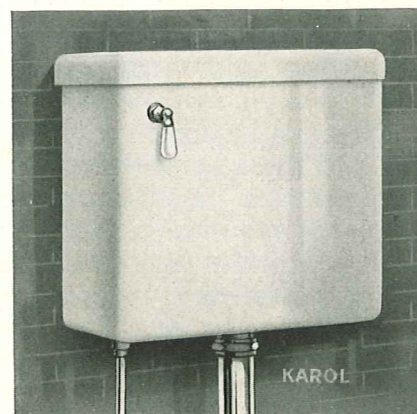
S-123 CLOSET COMBINATION—Consists of high-grade vitreous china low-down tank equipped with heavy cast brass parts of latest design all china trip lever and white celluloid open-front seat. The bowl in this combination you will note is of the extended lip type so generally used in public places because of its sanitary construction. Furthermore, it is a syphon jet of the noiseless type and the outfit makes one of the prettiest installations that can be had. Weight, 130 lbs.
 Price complete\$26.50
 If figure S-178 pearl colored seat is wanted add 12.50



S-124 PORCELAIN CLOSET TANK—All vitreous china, low-down type, complete with heavy cast brass trimmings and all china trip lever. Weight, 70 lbs.
 Price\$10.75



S-125 OAK TANK—Closet tank of golden oak, with heavy copper lining, low-down type, complete with heavy cast brass trimmings. Weight, 35 lbs.
 Price\$8.75



S-126 ENAMELED CLOSET TANK—Cast iron porcelain enameled closet tank, large capacity with heavy interior trimmings. This tank is used extensively in factories and other places because of its construction. Considerable abuse will not damage it, therefore is practically a life-long installation. Weight, 85 lbs.
 Price\$13.00



S-127 VITREOUS CHINA WASH-DOWN CLOSET BOWL WITH JET—For roughing-in at 14 inches with 1 1/4 inch or 2 inch flush connection. This bowl can also be supplied with 12 inch roughing-in, but 14 inch will be shipped unless otherwise specified. Weight, 40 lbs.
 Price\$5.75



S-128 VITREOUS CHINA WASH-DOWN CLOSET BOWL WITH JET—For roughing-in at 10 inches, used mainly when replacing closet with a low-down outfit when a high outfit has been in before. By using this bowl you eliminate the necessity of tearing up the floor and putting in a longer closet bend. Weight, 50 lbs.
 Price\$8.75



S-129 VITREOUS CHINA SYPHON JET CLOSET BOWL—Of the noiseless type. This is the same bowl as furnished in our figure S-122. Weight, 60 lbs.
 Price\$11.00

SEE COLOR CHART ON PAGE SEVENTEEN



S-130 CLOSET COMBINATION—Consists of a golden oak low-down copper lined closet tank, solid vitreous wash-down bowl with jet and oak closet seat. This is a very substantial outfit and is especially designed for a cheaper type of installation. Weighs 100 lbs.

Price complete\$16.50



S-131 CLOSET COMBINATION—Consists of a cast iron porcelain enameled tank with heavy interior trimmings, vitreous china syphon wash-down bowl with jet and mahogany seat. This outfit is used extensively in factories and public places where it is subject to rough usage. Weighs 125 lbs.

Price complete\$20.50

Add for white or colored celluloid closet seat 1.90

Add for pearl colored celluloid closet seat 8.25



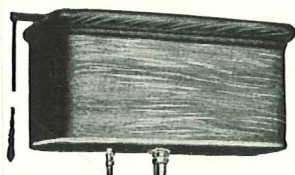
S-132 FLUSH VALVE CLOSET COMBINATION—There is a great demand for this outfit, as it eliminates the necessity of a tank, but can only be used where the supply of water comes through a 1 inch or larger size pipe. It is used extensively in large buildings or factories because of the savings in space. It is equipped with the flushing valve, bowl and seat. Weighs 60 lbs.

Price complete\$18.25

Price valve unit only..... 12.50

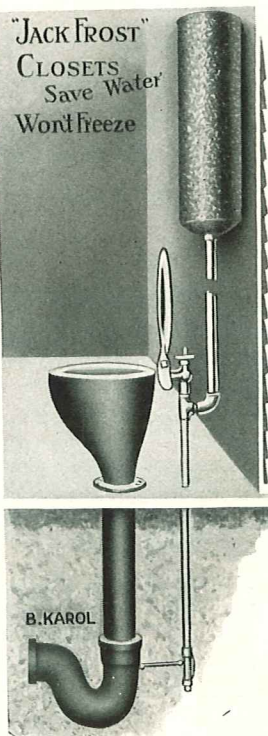
Add for white or colored celluloid closet seat 1.90

Add for pearl colored celluloid closet seat 8.25



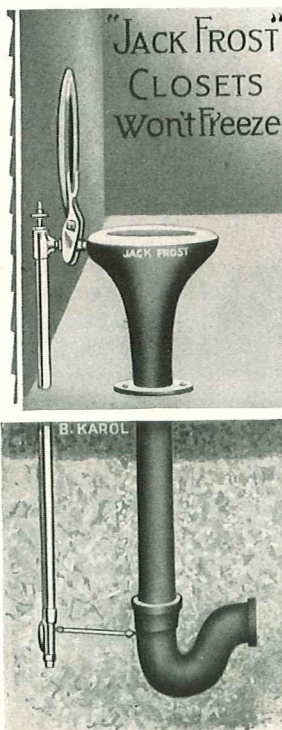
S-133 HIGH CLOSET TANK—Golden oak finish with heavy copper interior fittings. Furnished in top or bottom supply, but bottom supply as illustrated will be furnished unless otherwise specified. Weighs 30 lbs.

Price\$6.75



S-135 JACK FROST CLOSET—A non-freezing combination that requires no pit. The valve can be repaired without disturbing the tank, hopper or underground pipe. Bowl is white enameled inside and roughs in from 12 to 16 inches. Weighs 100 lbs.

Price complete, as illustrated\$22.50



S-136 JACK FROST CLOSET—A non-freezing combination that requires no pit. The valve can be repaired without disturbing the hopper or underground pipe. Drains free of water when not in use. The bowl is of cast iron, porcelain enameled inside, painted outside and roughs in at 12 inches. Weighs 90 lbs.

Price complete, as illustrated\$14.00



S-134 AUTOMATIC HOPPER CLOSET—Bowl is self flushing when seat is operated. Adapted for installations in basements, factories and places where there is no danger of freezing. The bowl is cast iron porcelain enameled inside and is equipped with automatic valve for iron pipe connection, solid oak seat and cast iron weight. Weighs 60 lbs.

Price\$9.95



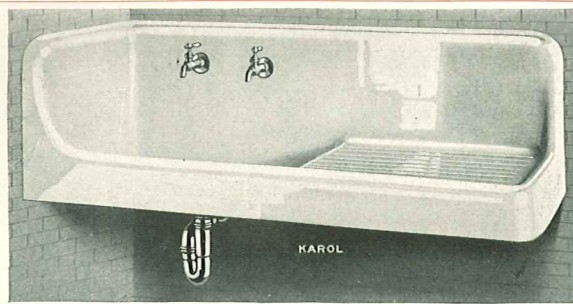
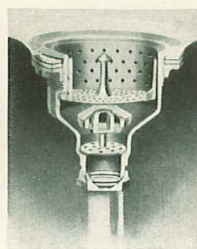
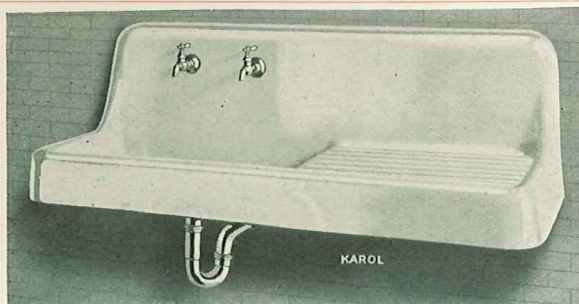
S-137 CLOSET COMBINATION—This is the new reverse trap closet outfit which has met with the complete approval of the most critical architects and builders in the country. The most distinguishing feature of the bowl is the trap which is located in the rear adding greatly to its attractiveness. It has all the features of the high priced syphon jet bowl, still embodies the compactness of the wash-down bowl. The bowl and tank are of genuine vitreous china, with heavy interior trimmings, white china trip lever and our latest improvement of a snow white flush ell. Furnished with a mahogany seat equipped with chromium plated hinges. Weighs 125 lbs.

Price complete\$21.00

This closet in any of the colors as shown in chart with colored closet seat to match, complete 37.90

Add for white or colored celluloid closet seat..... 1.90

Add for pearl colored celluloid closet seat..... 8.25



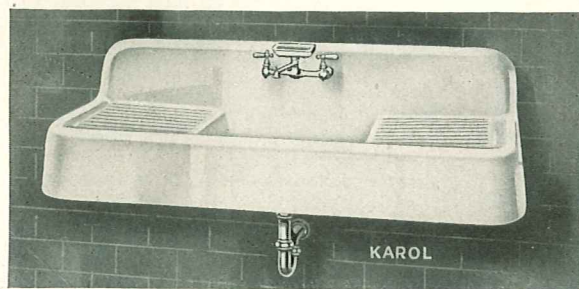
S-138 APRON SINK—Porcelain enameled cast iron all in one piece, 20 inches wide, supported on concealed wall hangers. Equipped with nickel plated quick compression china handle bibbs, strainer and nickel plated trap to wall or floor. RIGHT hand drainboard as shown and trap to wall will be furnished unless otherwise specified.

Weight	210 lbs.	220 lbs.	240 lbs.
Size	42 in.	48 in.	52 in.
Price sink complete.....	\$24.39	\$30.45	\$33.30
Price sink only.....	19.60	25.85	28.70
Price sink complete in color	30.40	38.05	41.75
Add for acid-resisting enamel in white.....	6.10	7.60	8.45
Add for chromium plated faucets, per pair.....	1.00	1.00	1.00

S-139 LARGE SINK STRAINER — Can only be used on KAROL apron style sinks in 42, 52 and 60 inch lengths. Cannot be used in place of ordinary type strainer. This two compartment strainer permits the washing of dishes without a

S-140 CORNER APRON SINK—Porcelain enameled cast iron all in one piece, 20 inches wide, supported on concealed wall hangers. Equipped with nickel plated quick compression china handle bibbs, strainer and nickel plated trap for wall or floor connection. LEFT hand corner as shown and trap to wall will be furnished unless otherwise specified.

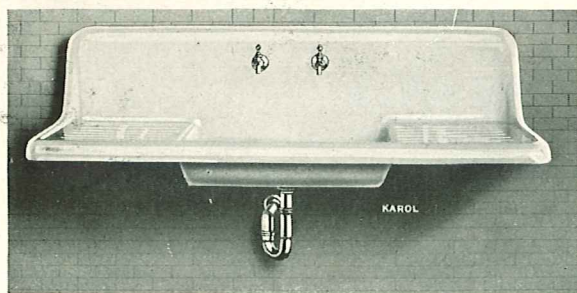
Weight	210 lbs.	230 lbs.	250 lbs.
Size	42 in.	48 in.	52 in.
Price sink complete.....	\$25.45	\$32.70	\$35.90
Price sink only.....	22.75	28.00	31.20
Price sink complete in color	31.80	40.85	44.90
Add for acid-resisting enamel in white	6.35	8.15	9.00
Add for chromium plated faucets, per pair.....	1.00	1.00	1.00



S-141 TRIPLE EIGHT DOUBLE DRAINBOARD APRON SINK—Cast iron porcelain enameled, all in one piece, 22 inches wide and 60 inches long, supported on concealed wall hangers. Equipped with a chromium plated top spout, figure S-259 "Gloria" combination mixing faucet especially designed for this sink, S-139 strainer and trap for either wall or floor connection. This is a marvelous sink and the very newest on the market, having an 8 inch deep sink, 8 inch high back and 8 inch deep apron. Weight, 380 lbs.

Price sink complete.....	\$56.70
Price sink complete in color.....	71.00
Add for acid-resisting enamel.....	14.30

IN these pages you will find a display of kitchen sinks which constitute the fullest and most complete array that are made. Almost every style and size is shown and their sparkling, glistening finish makes them the finest obtainable. The beauty and richness of their design and grace of line is brought about by craftsmen without parallel. Such are the kitchen sinks illustrated herein, being guaranteed to the fullest extent, "A" grade in every way. These sinks are also furnished in acid-resisting enamel.

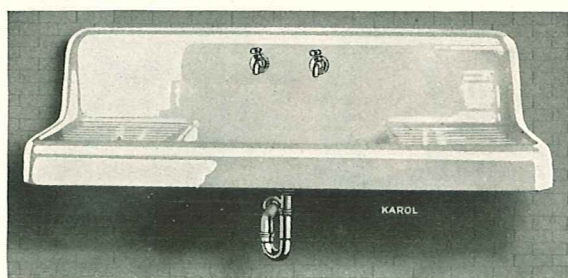


S-142 DOUBLE DRAINBOARD ROLL RIM SINK—Porcelain enameled cast iron all in one piece, 20 inches wide, 62 inches long, supported on concealed wall hangers. Equipped with nickel plated quick compression bibbs, strainer and trap to wall or floor. Wall trap will be supplied unless otherwise specified. Weight, 255 lbs.

Price sink complete.....	\$33.45
Price sink only.....	28.75
Add for acid-resisting enamel.....	8.15
Add for chromium plated faucets, per pair.....	1.00

dish pan, because the cup has a stopper directly below it which prevents the water from flowing out of the sink while it is being used as a dish pan. When the sink is drained, the cup strainer can be removed and emptied of its residue. Furnished only in chromium plate and costs \$4.75 additional over prices as given herein on styles referred to.

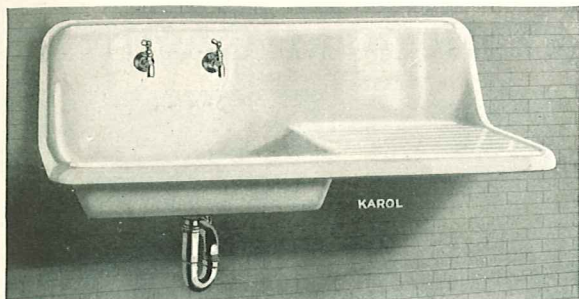
SEE
COLOR CHART
ON PAGE
SEVENTEEN



S-143 DOUBLE DRAINBOARD APRON SINK—Porcelain enameled cast iron 22 inches wide, all in one piece, supported on concealed wall hangers. Equipped with china handle quick compression bibbs, strainer and trap to wall or floor. Wall trap will be furnished unless otherwise specified.

Weight	300 lbs.	330 lbs.
Size	60 in.	72 in.
Price sink complete.....	\$41.70	\$52.70
Price sink only.....	37.00	48.00
Price sink complete in color	52.00	65.90
Add for acid-resisting enamel	10.30	13.20
Add for chromium plated faucets, per pair.....	1.00	1.00

Legs for the above sinks can be furnished in the painted style at \$2.65 each, in enamel at \$3.15 each and in colored enamel at \$4.15 each. Any style sink can be equipped with a combination mixing faucet and when ordering these with a sink deduct \$2.00 for those illustrated, adding cost of the style desired as shown on pages twenty-two and twenty-three.



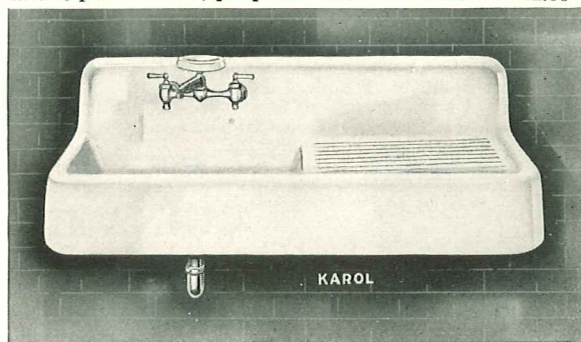
S-144 ROLL RIM SINK—Porcelain enameled cast iron roll rim sink, back and drainboard all in one piece. Supported on concealed wall hangers. Equipped with nickel plated faucets and trap either to the floor or wall. Wall trap will be furnished unless otherwise specified. **RIGHT** hand drainboard as shown will be furnished unless **LEFT** hand is specified.

Weight	180 lbs.	200 lbs.	215 lbs.
Size	42 in.	48 in.	52 in.
Price complete	\$19.75	\$22.35	\$24.25
Price sink only.....	15.50	18.10	20.00
Price complete in color.....	24.75	27.95	30.05
Add for acid-resisting enamel.....	5.00	5.60	5.80
Add for chrome plated faucets, per pair....	1.00	1.00	1.00



S-145 CORNER ROLL RIM SINK—Porcelain enameled cast iron roll rim sink, back, drainboard and end piece all in one piece. Supported on concealed wall hangers. Equipped with nickel plated faucets and trap either to the floor or wall. Wall trap will be furnished unless otherwise specified. **LEFT** hand corner as illustrated will be furnished unless **RIGHT** hand is specified.

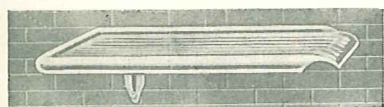
Weight	190 lbs.	200 lbs.	215 lbs.
Size	42 in.	48 in.	52 in.
Price complete	\$24.75	\$26.25	\$27.00
Price sink only.....	20.50	22.00	22.75
Price complete in color.....	30.95	32.80	33.75
Add for acid-resisting enamel.....	6.20	6.55	6.75
Add for chrome plated faucets, per pair....	1.00	1.00	1.00



S-146 TRIPLE EIGHT SINK—This new design single drainboard apron sink has proven very much in demand, of cast iron porcelain enamel, all in one piece, supported on concealed hangers. It is equipped with the specially designed chromium plated top spout "GLORIA" combination faucet, with metal soap dish, and is furnished with nickel plated trap for wall or floor connection. Wall trap will be supplied unless floor trap is specified and **RIGHT HAND** drainboard as shown will be shipped unless **LEFT HAND** is mentioned. Furnished only with new style S-139 large sink strainer.

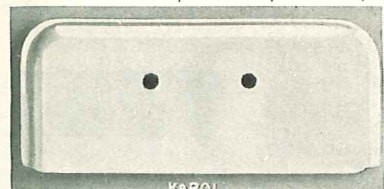
Weight	250 lbs.	290 lbs.
Size	42 inch	52 inch
Price complete	\$38.45	\$43.80
Price sink only.....	29.35	34.80
Price complete in color.....	47.00	53.75
Add for acid-resisting white enamel.....	8.50	9.95

COLOR in kitchen sinks may also be had, the shades being shown on the color chart page. Then again, various trimmings can be substituted for those included in the descriptions and illustrations, in both nickel and chromium plated. A sink to meet every purpose in style and size, making it easy for anyone to select his preference. The 8-8-8 sink is a late model, designed especially to fit in below colonial windows and still be high enough so that the housewife may have comfort. Built with an 8 inch high back, 8 inch deep sink and 8 inch wide apron, furnished in double and single drainboard styles, in two sizes, makes it a realization never before visioned.



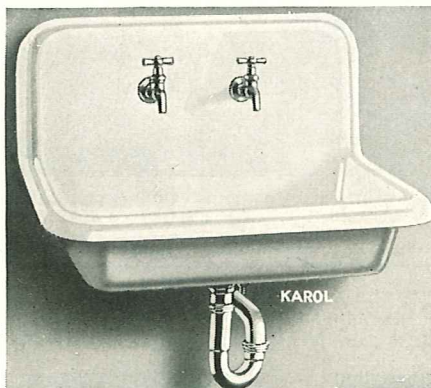
S-147 Drainboard—Porcelain enameled cast iron interchangeable drainboard with iron bracket. Fits any sink with roll or flat rim. Furnished complete with bracket.

Weight	45 lbs.	55 lbs.	65 lbs.
Size, inches	18x18	18x24	20x24
Price	\$4.50	\$5.10	\$5.75



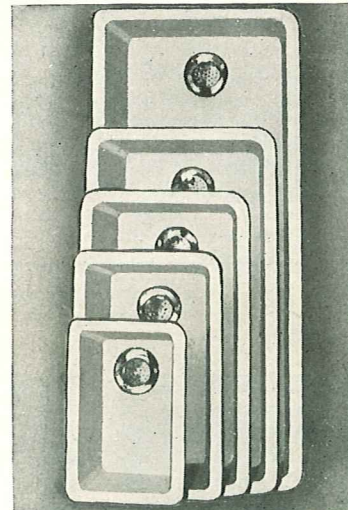
S-148 SINK BACK—Porcelain enameled cast iron sink back for flat rim sinks. Height, 12 inches; depth, 2 inches.

Weight	25 lbs.	30 lbs.
Size	24 in.	30 in.
Price	\$3.80	\$4.10



S-149 ROLL RIM SINK—Porcelain enameled cast iron sink with back in one piece. Supported on concealed wall hangers and equipped with nickel plated faucets and trap either to the floor or wall. Wall trap will be shipped unless otherwise specified.

Weight	100 lbs.	105 lbs.	115 lbs.
Size, inches	18x24	18x30	20x30
Price complete	\$11.25	\$13.50	\$14.10
Price sink only.....	7.25	9.55	10.25

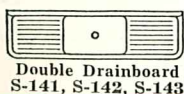


S-150 FLAT RIM SINK—Porcelain enameled flat rim sink with strainer, collar and bolts.

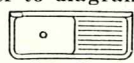
Weight	50 lbs.	60 lbs.	68 lbs.	70 lbs.
Size, in.	16x24	18x30	20x30	20x36
Price	\$4.40	\$5.10	\$5.65	\$7.50

SEE COLOR CHART ON PAGE SEVENTEEN

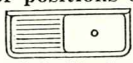
Refer to diagrams below for positions of drainboards and corners.



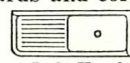
Double Drainboard
S-141, S-142, S-143



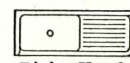
Right Hand
S-138, S-144, S-146



Left Hand
S-138, S-144, S-146

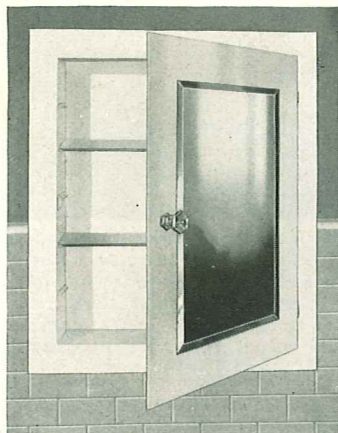


Left Hand
S-140, S-145

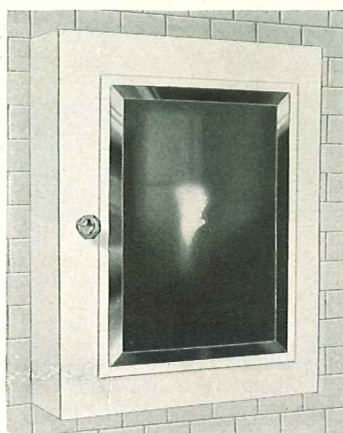


Right Hand
S-140, S-145

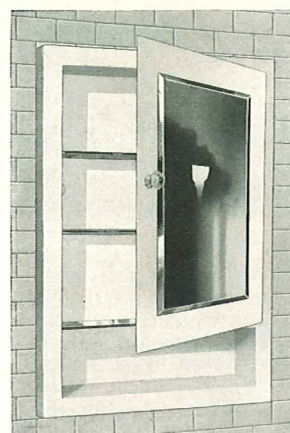
MODERN WHITE STEEL BATHROOM CABINETS



S-151 RECESS CABINET—This cabinet is of the same quality and grade as S-152 except that it is made to recess in the wall. When building a new bathroom this is the cabinet to install, for when set is almost flush with the wall and cannot be moved. Equipped with 12x16 inch mirror, 2 adjustable plate glass shelves and knob, and will fit in wall opening 15½x19½x3¼ inches. The outside dimension is 18½x22¼ inches. Weight, 30 lbs.
Price\$6.75



S-152 WALL CABINET—This modern steel bathroom cabinet has so many advantages over the old wooden type that it can be safely said they are now obsolete. Steel cabinets are indestructible, thoroughly sanitary and in every way harmonize with the bathroom. They will not discolor and being made of steel will not warp or crack. This cabinet is used to hang on already finished walls. Equipped with 12x16 inch plate glass mirror, knob and 2 plate glass shelves. Size 21 inches high, 17½ inches wide and 6 inches deep. Weight, 25 lbs.
Price\$6.50

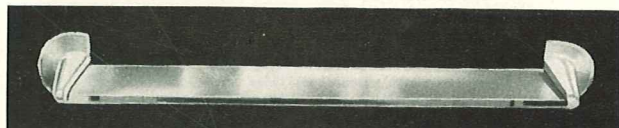


S-153 RECESS CABINET—Constructed like the other styles of recess cabinets except that the door does not cover it entirely allowing a space for a receptor. Finished in snow white enamel with finest beveled edge plate mirror, one piece door, glass knob and three plate glass shelves. Size of mirror 12x16 inches, size of cabinet 19x28x5 inches and fits wall opening 16x26x4 inches. Weight, 30 lbs.
Price\$8.25

CHINA BATHROOM TRIMMINGS

Solid China One Piece Bathroom Trimmings With Concealed Wall Fasteners

This is the most distinctive of the one piece idea carried in bathroom trimmings. The outstanding feature of the line is the concealed wall attachment which eliminates unsightly screw hole openings and makes the installation very simple. The concealed fastener is first screwed securely to the wall, the fixture then slips down tightly over the fastener, making a most neat and attractive installation. Anyone can attach them and it is surprising how quickly and easily this may be done.



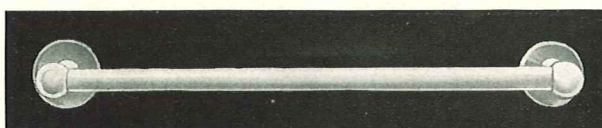
S-154 GLASS SHELF

Size	18 in.	24 in.
Price	\$2.10	\$2.45
Price colored	3.00	3.30



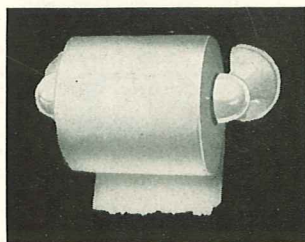
S-155 STROP HOOK

Price	\$0.35
Price colored .....	.55



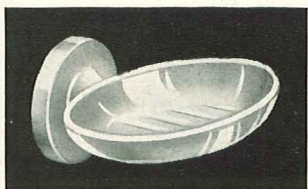
S-156 TOWEL BAR

Size	18 in.	24 in.	30 in.
Price	\$1.20	\$1.35	\$1.50
Price colored	1.85	2.05	2.25



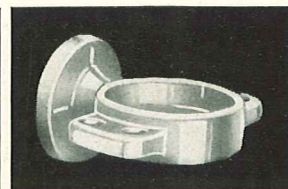
S-157 PAPER HOLDER

Price	\$1.20
Price colored	1.85



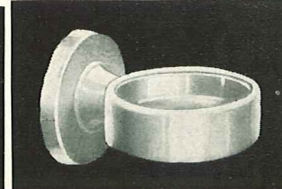
S-158 SOAP DISH

Price	\$0.75
Price colored	1.05



S-159 TUMBLER AND TOOTH BRUSH HOLDER

Price	\$0.90
Price colored	1.25



S-160 TUMBLER HOLDER

Price	\$0.75
Price colored	1.00

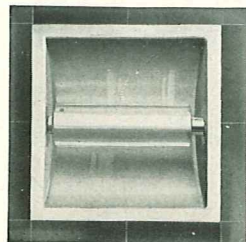


S-161 ROBE HOOK

Price	\$0.40
Price colored .....	.60

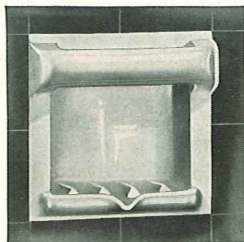
SOLID CHINA RECESSED AND BUILT-IN BATHROOM TRIMMINGS

The Latest and Most Modern in Bathroom Trimmings



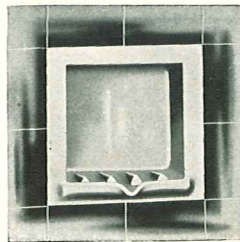
S-162 PAPER HOLDER

Price	\$1.50
Price colored	2.40
Size 6x6 in.	



S-163 COMBINATION SOAP DISH WITH GRAB RAIL AND DRAIN LIP

Price	\$1.85
Price colored	3.00
Size 6x6 in.	

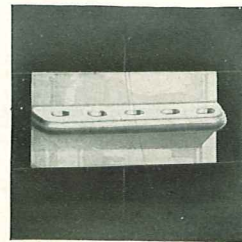


S-164 SOAP DISH WITH DRAIN LIP

Price	\$1.50
Price colored	2.70
Size 6x6 in.	

S-165 TOOTH BRUSH HOLDER

Price	\$1.00
Price colored	1.95
Size 3x6 in.	



S-165

S-164
S-166 TOWEL BAR

Size	18 in.	24 in.	30 in.
Price	\$2.00	\$2.40	\$2.75
Price colored	3.15	3.40	3.65
Has 3x3 in. posts and 1 in. white bar.			



S-166

SEE COLOR CHART ON PAGE SEVENTEEN

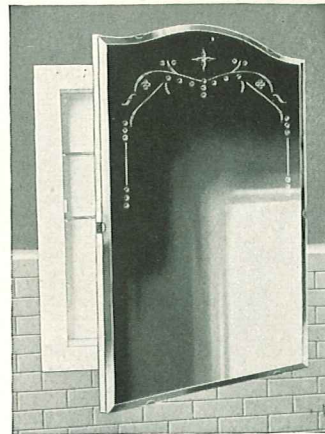
MODERN WHITE STEEL BATHROOM CABINETS

OUR bathroom cabinets are of the finest construction, being all steel, of heavy gauge and welded tight so as to be sanitary in every respect. The same construction is put into all our styles of cabinets, the difference in price being caused by the various sizes and kinds of mirrors. Each cabinet is finished in white enamel, harmonizing with the most beautiful bathroom appointments.



S-167

S-167 RECESS WALL CABINET—With bevel plate straight top mirror, front finished in snow white baked enamel. Artistically etched Venetian mirror size 18x22 inches mounted on felt pads, two adjustable glass shelves and one-piece steel door. Opening required in wall 14x17x3 inches, size of cabinet 17x21x4 inches and weighs 32 lbs. Price\$11.00



S-168

S-168 RECESS WALL CABINET—With bevel plate serpentine top mirror, front finished in snow white baked enamel. Artistically etched Venetian mirror size 18x22 inches mounted on felt pads, two adjustable glass shelves and one-piece steel door. Opening required in wall 14x17x3 inches, size of cabinet 17x20x4 inches and weighs 31 lbs. Price\$11.25

ENAMELED ON IRON PURE WHITE BATHROOM TRIMMINGS

Used generally in remodeling work, effecting a blend that looks much like the higher priced designs. Considerably cheaper and very desirable.



S-169

S-169 TOWEL BAR

Size	18 in.	24 in.
Price	\$0.75	\$0.90
Price in color.....	1.00	1.20



S-174 COMBINATION
TUMBLER AND TOOTH
BRUSH HOLDER



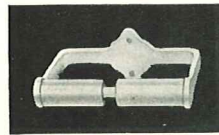
S-170 SOAP DISH
Price\$0.75
Price in color..... 1.00



S-171 TUMBLER HOLDER
Price\$0.60
Price in color..... .80



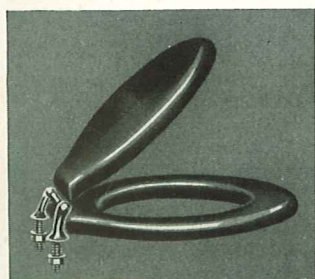
S-172 ROBE HOOK
Price\$0.15
Price in color..... .25



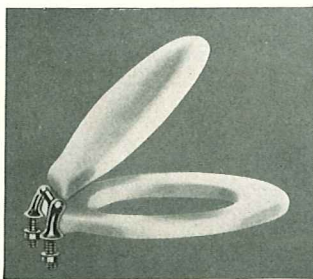
S-173 PAPER HOLDER
Price\$0.75
Price in color..... 1.00

Price\$0.85
Price in color..... 1.15

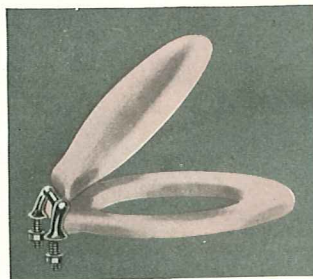
These Bathroom Trimmings Can Be Furnished in Colors of Shades Shown in Chart



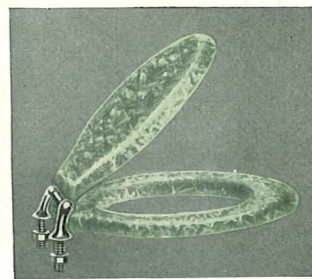
S-175 CLOSET SEAT—Furnished in golden oak or mahogany finish with bar hinges to fit any bowl. Weight 10 lbs. Price\$2.25



S-176 CLOSET SEAT—White celluloid finish with chrome plated hinges. Heavily constructed and can be attached to any bowl. Weight 10 lbs. Price\$3.75



S-177 CLOSET SEAT—Beautifully finished in celluloid of colors as given in chart. Heavily constructed and can be attached to any bowl. Weight 10 lbs. Price\$4.50



S-178 CLOSET SEAT—This mother-of-pearl finish on celluloid closet seat is the latest and most beautiful looking one that has ever been marketed. It is heavily constructed and finished in pearl effect in any of the colors shown in the chart. Equipped with chrome plated hinges. Price\$10.50

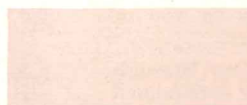
COLOR CHART



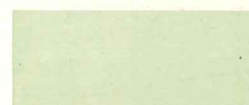
IVORY



LIGHT BLUE



ORCHID



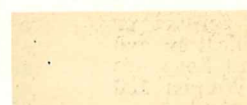
GREEN



RED



BLACK

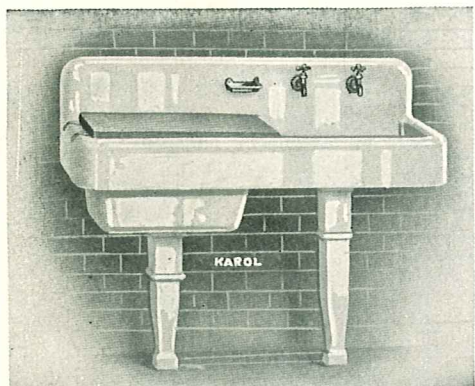


BROWN



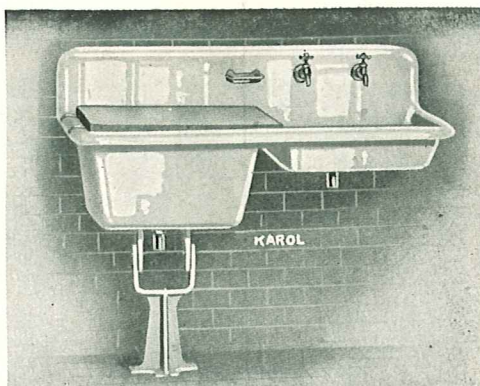
PINK

[[All bathtubs, lavatories, closets, closet seats, sinks, and bathroom trimmings as shown in this catalogue can be furnished in any of the colors as given in the above chart.]]



S-179 Combination Laundry Tray and Sink, Apron Style, Complete.....\$52.50

The latest design in a combination laundry tray and sink. Beautifully white enameled on cast iron. Used especially in kitchens of small apartments or houses where there is no basement or cellar for a laundry. This combination is equipped with an interchangeable ash wood drain board, beautifully finished, which fits over the tub when not in use,

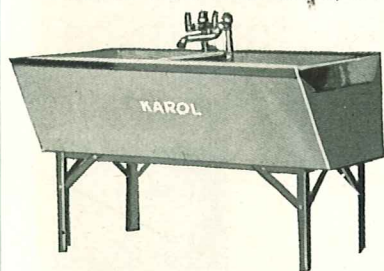


S-180 Combination Laundry Tray and Sink, Roll Rim Style, Complete.....\$42.50



S-181 COMBINATION LAUNDRY STOVE AND WATER HEATER—The fire pot is hollow forming a water jacket in which the cold water is heated passing out to the tank or fixture through the tappings in the rear of the firepot which is threaded 1-inch iron pipe size. It has a capacity of from 30 to 60 gallons per hour and can be used for any purpose that a stove can be put to. Weighs 130 lbs.

Price\$9.50

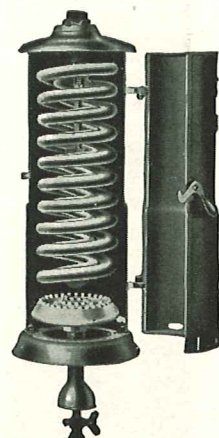


S-182 GRANITINE LAUNDRY TUBS—Are made of a waterproofed granitine composition and are the modern means of laundering.

It is strongly constructed with reinforcing, having a metallic rim for holding the wringer attachment and also to prevent cracking. Guaranteed for five years. Equipped with combination swing spout mixing faucet, strainers, stoppers, trap and sturdy steel frame.

Weight300 lbs. 400 lbs. 450 lbs. 550 lbs.

Size4 ft. 4½ ft. 5 ft. 6 ft.
Tub complete.....\$11.30 \$12.40 \$13.85 \$18.75
If Tub only, without trimmings, is wanted deduct\$4.25



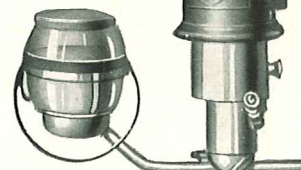
S-183 GAS WATER HEATER—

For use with galvanized range boiler. One of the most efficient and durable gas water heaters made. It has two coils of ¾-inch copper tubing enclosed in a cast iron jacket with door. ¾-in. water connection and ½-in. gas connection for iron pipe. It heats water for bath in 20 minutes. Where an average amount of

water is used we recommend No. 20 heater. Where an extra amount of water is used we suggest the extra large size, our No. 26. Heater burns either artificial or natural gas.

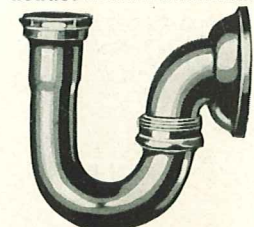
Price, No. 20.....\$5.40

Price, No. 26.....7.40

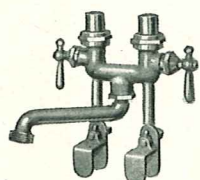


S-184 KEROSENE WATER HEATER—You can have hot water piped into bath, kitchen and laundry just as conveniently as if you had a gas water heater. This heater has a cast iron japan finished jacket, double copper coils, new design wick burner, one-gallon kerosene tank, and will heat a 30 or 40-gallon range boiler. One gallon of kerosene will burn for 18 hours. Weight 47 lbs.

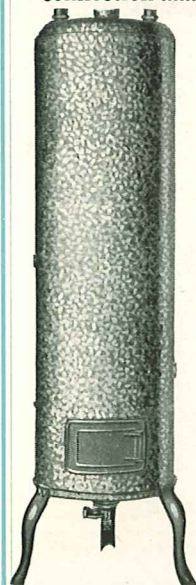
Price\$14.65



Laundry trap with connection.....\$1.25



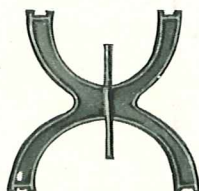
Laundry faucet.....\$2.25
Tub stand75



S-185 COMBINATION GAS BOILER AND WATER HEATER—Has gas water heater built into range boiler which is connected by a circulating tube to top and bottom of the boiler. Water circulates continuously from bottom to top of boiler through heater.

The heat travels up through a central flue entirely surrounded by water eliminating waste heat. Saves labor connecting a separate heater. Can be connected with a coil in the furnace or range. It is economical in gas consumption and will keep hot water constantly. Weighs 130 lbs. Complete with stand.

Size, in.12x60 14x48
Price\$16.50 \$17.50



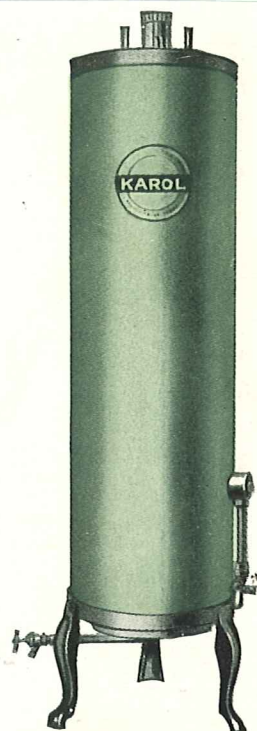
S-186 RANGE BOILER STAND—

Made of cast iron, tripod style, of sturdy construction and will fit either 30 or 40 gallon range boilers. Weighs 5 lbs. Price\$0.40

S-187 GALVANIZED RANGE BOILER—Made of heavy steel galvanized inside and outside and electrically welded. For the average home, we suggest the 30-gallon size. Boiler complete includes circulating tube, stand and union couplings for ¾-in. iron pipe. The tappings are regular. Standard boilers are for a working pressure up to 85 pounds; extra heavy are for a working pressure up to 150 pounds.

Capacity	30 gal.	40 gal.	52 gal.
Size in.	12x60	14x60	16x60
Price, std. comp.	\$8.10	\$10.75	\$16.50
Price, extra heavy comp.	9.55	12.20	19.25
Price, std. only	6.50	9.15	14.00
Price, extra heavy only	7.55	10.60	17.00





S-188 Automatic Storage Gas Water Heater

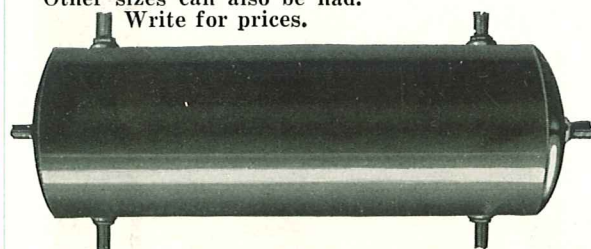
Hot Water at Your Service All the Time

The newest and latest combined tank and gas heater on the market. The tank is constructed of extra heavy sheet steel insulated with several ply of the finest asbestos made. This insulation keeps the heat in the tank, not allowing it to escape as is natural in an exposed outfit. Retains the heat like a thermos bottle and is covered on the outside with a high-grade metal beautifully finished. The cost of operation is very low, operating with the temperature of the water. The gas is automatically turned off when the temperature is at the maximum, and turns on itself when the water is cooled.

Comes complete ready to connect to your pipe. Capacity of tank 20 gallons. Weight 195 pounds.

Price\$35.50
Other sizes can also be had.

Write for prices.



S-192 Black Steel Storage Tank

To Be Used in Connection With Tank Heater
Tanks are made of heavy black steel welded. Tested for 150 pounds hydrostatic pressure and guaranteed for a working pressure up to 65 pounds to the square inch. Can be used for either vertical or horizontal installation.

Capacity	Size	Weight	Price
85 gals.	20x60 in.	290 lbs.	\$22.50
100 gals.	24x48 in.	305 lbs.	23.55
120 gals.	24x60 in.	350 lbs.	26.60
150 gals.	30x48 in.	400 lbs.	30.90
180 gals.	30x60 in.	465 lbs.	34.15
220 gals.	30x72 in.	520 lbs.	37.40

S-189 Karol Special Water Softener \$76.75

Soft Water at All Times

Water from which all mineral hardness has been removed. With a KAROL SPECIAL WATER SOFTENER in your home, you can have oceans of soft water at your instant command ready to serve you whenever needed in kitchen, laundry and bath.

ECONOMY OF SOFT WATER

KAROL SPECIAL WATER SOFTENER will enable you to do the laundry work in much less time with one-half the soap you now use. Washable clothes will wear twice as long. Soap used with hard water forms a curd that cannot be rinsed away. The curd ironed into the fabric discolors the clothes causing them to rot. Even dishwashing becomes less tedious when our softener is used. A soft water bath is a positive luxury. Soft water for a shampoo and for shaving is just as desirable. Soft water flowing through the hot water lines will free pipes, water heaters and furnace coils from lime deposit and prevent future formation of scale. It insures long life for your plumbing. Do not compare our softener with those quoted at lower prices, for it is impossible to sell good softeners for less than we quote.

ONLY ONE PUMPING OUTFIT REQUIRED

Our water softener does away with the unsanitary cistern and with the necessity for two pumping outfits, one for well water and one for cistern water. Hard water is pumped into the KAROL SPECIAL WATER SOFTENER and it comes out softened. As the soft water is used, there is a continual flow of hard water into the softener, thus supplying an abundant quantity of soft water.

METHOD OF SOFTENING WATER

The softening of water is not a mechanical process, but is effected by a softening mineral contained in the tank, which is a permanent part of the softener and should last many years. The mineral, while softening the water, also filters it. About every fifteen days, the mineral bed should be flushed out with a few pounds of coarse salt to keep it in condition to soften water. This operation requires only thirty minutes and is controlled by a simple operation of valves. This softener is guaranteed to soften water up to thirty grains hardness.

EASY TO INSTALL

There are only three connections, one each for hard and soft water and for the drain. No changes in the plumbing are necessary, and only two simple connections are all that are required to complete the installation which can be made in a few hours by any handy man. Once installed, it gives efficient, continuous service without attention.

DIMENSIONS

Height over all 54 inches. Height of tank 48 inches. Diameter of tank 14 inches. Fittings 3/4 inch. Salt for regeneration 12 pounds. Shipping weight 375 pounds. Complete\$76.75

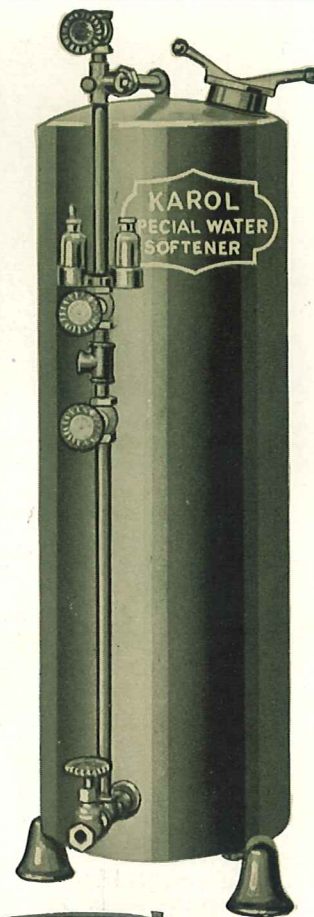
Softeners of larger capacities can also be had. Write for prices.



S-190 Tank Heater To Be Used With Storage Tanks Up to 200 Gallons

A plentiful supply of hot water is no longer considered a luxury, but a necessity, and can be had in the average home at a very low cost. Our tank heater is especially adapted for homes or apartment buildings where a large volume of hot water is necessary. It is constructed of the highest grade cast iron and is simple in operation. Will burn hard or soft coal. Grate 12 inches, diameter 20 inches, height 30 inches and weighs 235 pounds.

Price\$19.75
Larger sizes can also be had. Write for prices.



S-191 "Wonder" Steel Septic Tank Dispose of All Sewage in the New Way and Protect the Health of Your Family

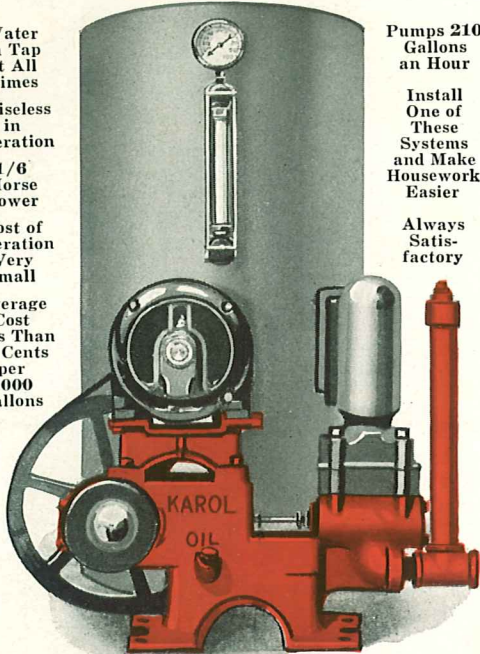
Before offering the "WONDER" septic tank to our public, we have thoroughly tested the one we now offer to you. Being made of the best heavy gauge copper bearing metal, freeing it from corrosion, is coated with a mineral enamel which is applied by a hot process and covers all parts of the tank both inside and outside. Moisture, acids and the action of the earth have no effect on this, besides the wonderful construction of the tank itself gives it unlimited life. The "WONDER" steel septic tank meets the rigid inspection of the various state boards of health. In addition to the wonderful features above, besides the baffle plates over the inlet and outlet, it contains a center baffle plate. The installation is a very simple one. In setting them underground, they should be at least from 12 to 15 inches below the surface and about 10 feet from the building proper. The waste and supply connections to the tank will accommodate 4-inch cast iron or tile pipe.

Size of tank	Capacity gallons	Shipping weight	Capacity persons	Price each
31x48 in.	150	175 lbs.	5 to 7	\$13.00
38x48 in.	200	225 lbs.	6 to 9	14.50
48x48 in.	300	300 lbs.	8 to 12	17.25

These are the most popular sizes and can be connected up in batteries of 2 or more to increase the capacity, although we can furnish any size septic tank that may be required. Prices on larger sizes will be given on application.

GALVANIZED TANK

Water on Tap at All Times
Noiseless in Operation
1/6 Horse Power
Cost of Operation Very Small
Average Cost Less Than 10 Cents per 1000 Gallons



Pumps 210 Gallons an Hour

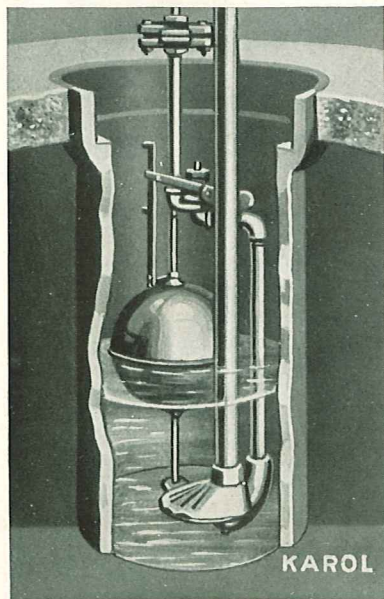
Install One of These Systems and Make Housework Easier

Always Satisfactory

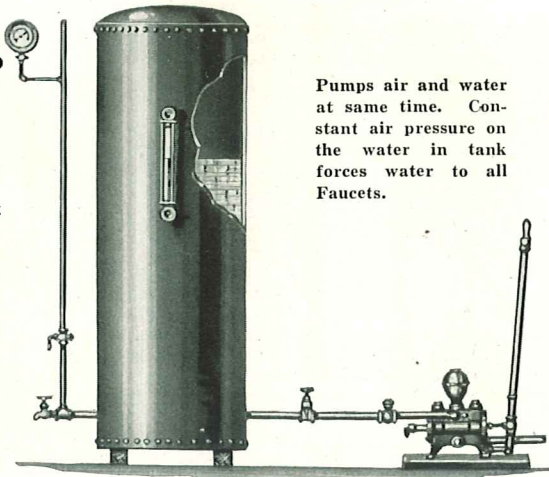
S-193 ELECTRIC AUTOMATIC WATER SUPPLY SYSTEM—Put running water in your home with this automatic, handy, convenient electric water supply system. Runs itself, requires no attention and is just the thing for city or country homes having electric power. Modern, improved, automatic electrically driven water supply system for shallow wells, not over 25 feet deep, designed and made expressly to draw water from cisterns, lakes, rivers, springs and wells. These outfits are all the finest on the market and complete with the necessary parts, including the pressure gauge, water gauge, drive belt, automatic switch, pump flywheel, tank and, in fact, a complete system as you see it. No extras necessary. Why be inconvenienced with the old style pump in the yard when you can install one of our systems with no trouble and have the city comforts of running water within your reach. There is no worry attached to the outfit whatever, the pump stops and starts itself by the reliable automatic switch that is attached to the motor and comes complete with the outfit. When the pressure is reduced to 20 pounds it automatically starts itself and stops when the pump has created 40 pounds pressure. This system can be furnished for any type of electric current and it need only be attached to a regular electric light socket with no further worry. It works by itself. This system will pump 210 gallons per hour.

Outfit complete with 42 gallon tank, weight, 260 lbs. \$80.00
Outfit complete with 80 gallon tank, weight, 325 lbs. 90.00
Complete pump less tank and trimmings, weight, 130 lbs. 65.00

S-198 AUTOMATIC CELLAR DRAINER—This drainer performs its functions by passing water or steam under pressure through the drainer point or jet, thus creating a suction which draws the water from the sump in which the drainer is placed, into the discharge pipe, and both the jet water and cellar water are discharged together.



When the water has been removed from the sump, the valve is instantly closed, and the drainer becomes inactive until the water again accumulates, when this performance is repeated. Just as often as the water accumulates it is discharged without attention and there is no consumption of city water or steam except at such times as the valve is open and drainer is removing water from cellar. Weight, 20 lbs. Price \$12.50



Pumps air and water at same time. Constant air pressure on the water in tank forces water to all Faucets.

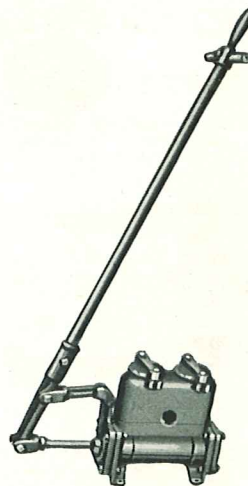
S-194 HAND POWER PNEUMATIC WATER SUPPLY SYSTEM—A dependable water supply system for the average-sized home where the depth of well does not exceed 25 feet. Pump is our improved combination, double-acting air and water force pump. Has 1 1/2-inch intake and 1 1/4-inch discharge. Brass lined cylinder 3 inches; stroke, 4 inches. Pumps sufficient amount of air with each stroke to maintain the proper pressure in the tank. Capacity about four gallons per minute. Outfit complete consists of tank, pump, water gauge, pressure gauge, compression drain cock, 1-inch brass gate valve, 1-inch brass check valve, and all necessary elbows, nipples and unions to make connection between pump and tank as shown above. A 3/4-inch lever handle brass stop cock for main water connection supply is also included.

Outfit Complete	Capacity Tank	Weight Pounds	Price
No. 1	120 gal.	300	\$35.00
No. 2	180 gal.	550	50.00
No. 3	220 gal.	600	55.00



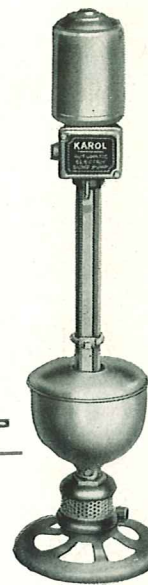
S-196 DRIVE WELL POINT—Made of wrought iron pipe, with solid high grade point. New design punchings increases inflow of water. Galvanized inside and outside and covered with brass jacket.

Size inches	Length overall	Price 60 gauge for coarse sand	Price 100 gauge for fine sand
1 1/4	30 in.	\$1.45	\$3.00
1 1/4	36 in.	1.80	3.85
1 1/4	42 in.	2.20	4.60
1 1/2	42 in.	2.75	5.35
2	42 in.	4.10	7.10
2	54 in.	5.25	9.25



S-199 DOUBLE ACTING FORCE PUMP—To be used where the suction lift does not exceed 25 feet. Weight, 65 lbs. Price \$11.40

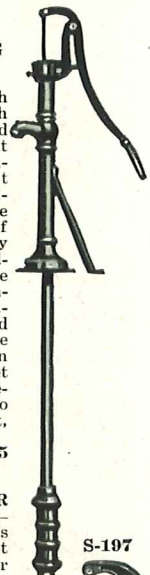
AIR AND WATER FORCE PUMP—The same pump as our double acting force pump except that it is equipped with the air attachment. Water can be driven at the same time. Will lift from a depth of 25 feet. Weight, 65 lbs. Price \$13.50



S-195 ELECTRIC CELLAR DRAINER—The finest, most reliable and efficient operating, electric cellar drainer made. All parts are heavy bronze and brass, so that it will not rust. In spite of our efficient municipal sewerage systems, there are many places where water accumulates by seepage, overflow, floods, etc., that cannot be drained off. This outfit answers your call. The installation is very simple, as it only need be set into a pit and connected to the drain. This connection is 3/4 inch iron pipe size and will discharge 900 gallons per hour on a 5 foot lift, 700 gallons on a 10 foot lift and a lesser amount the heavier the lift. A high grade motor is included, with an automatic cutoff and starter. Furnished complete with wire and plug to connect in a regular light socket. Weight, 50 lbs. Price \$45.50

S-197 NON-FREEZING SET LENGTH PUMP

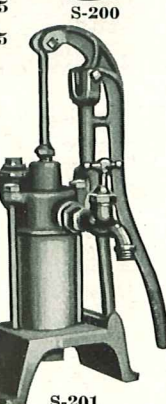
A strictly high grade set length pump, strong and substantially built and of heavy construction. It should not be confused with the lighter types of pumps offered by other houses at almost the same price, is all complete with the cylinder pipe and pump rod. Can be used in connection with wells 60 feet deep and is specially adapted to farm use. Weight, 60 lbs. Price \$5.85

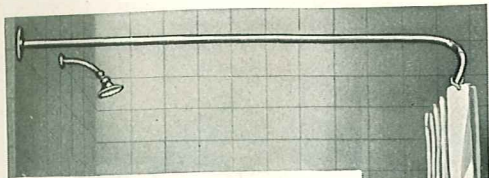


S-200 PITCHER SPOUT PUMP—For shallow wells not over 20 feet deep. Threaded for iron pipe connection. By using our S-275 pump bracket this pump can be permanently attached to your sink, doing away with the old time wooden shelf otherwise necessary. Weight 25 lbs. Price 2 1/2 in. cylinder \$1.45 Price 3 1/2 in. cylinder 1.85



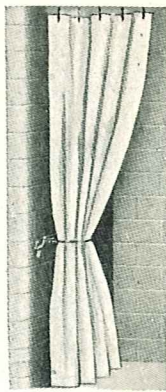
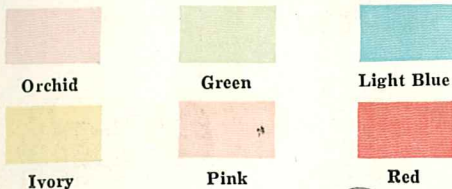
S-201 HOUSE FORCE PUMP—For wells or cisterns not over 25 feet deep. Has 3 inch brass cylinder, valve seat and stuffing box. Furnished with nicely finished hose threaded faucet and tapped for 1 inch pipe connection. Weight, 24 lbs. Price \$5.25



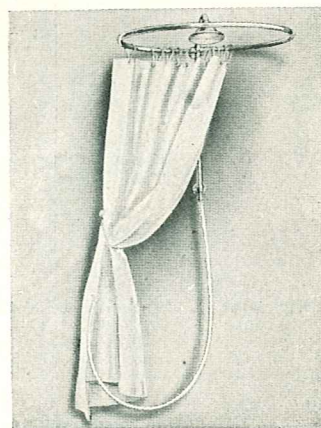


S-202 BUILT-IN SHOWER OUTFIT—For corner type bathtubs. Consists of two-way mixing valves with china indexed handle, china flange, china head, with chrome plated arm, rail, hooks, hold back and heavy white duck curtain.
Price complete\$10.00
This outfit can be supplied with moire pattern rubberized silk curtain in colors as shown below for.....\$3.50 additional

KAROL



S-203 SHOWER CURTAINS
8 oz. white duck.
Price\$1.75
High grade rubberized silk curtains in colors as per chart.
Price\$6.50

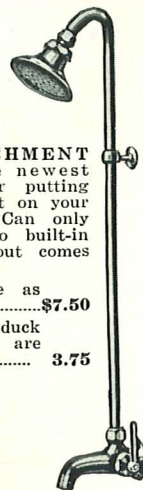


S-204 PORTABLE SHOWER BATH
—Specially adapted to apartments as it can be installed in about five minutes and can be easily removed. Complete with duck curtain, five feet of hose, 24-inch nickel plated brass curtain ring and screws to fasten to the wall. Weight about 16 lbs.

Price complete.....\$4.80

S-205 ATTACHMENT SHOWER—The newest attachment for putting a shower outfit on your present tub. Can only be attached to built-in tub where spout comes over rim.

Price complete as shown\$7.50
If rail and duck curtain are wanted, add..... 3.75



S-211 SLIP JOINT NUT
—For connecting brass tubing to iron pipe. Nickel plated.

Size Inches	Price
1 1/4 x 1 1/4 in.	.....\$0.20
1 1/2 x 1 1/4 in.	..... .20
1 1/2 x 1 3/8 in.	..... .20
1 1/2 x 1 1/2 in.	..... .20

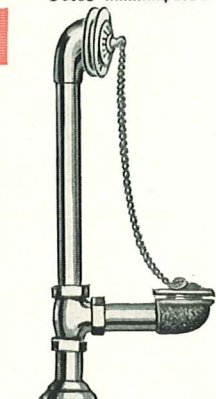


LAVATORY PLUG WITH STRAINER
These plugs fit through opening in lavatory and are used in connection with all styles of lavatory traps.
Price\$0.45

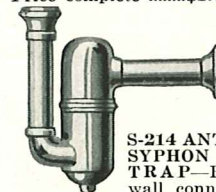


S-207

S-206 CLOSET CLEANER—A flexible coil wire closet cleaner for removing obstructions from closets. By inserting auger point into the bowl and turning handle, the coil follows through the trap of the bowl and removes all obstructions. Eliminates disconnecting the bowl and saves plumber's bill.
Size 3 ft. 6 ft. 9 ft.
Price\$1.20 \$2.25 \$3.50

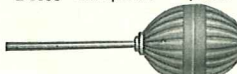


S-208 CONNECTED WASTE AND OVERFLOW—For bathtub. Highly nickel plated.
Price complete\$1.75

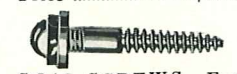


S-209 ANTI-SIPHON S TRAP—For floor connection. Used in work where drain suction is too great for seal on regular trap.
Size 1 1/4 in. 1 1/2 in.
Price\$3.60 \$3.85

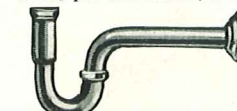
S-214 ANTI-SIPHON P TRAP—For wall connection. Used in work where drain suction is too great for seal on regular trap.
Size 1 1/4 in. 1 1/2 in.
Price\$3.00 \$3.40



S-217 COPPER FLOAT AND ROD—For use with closet tank ball cocks.
Price\$0.25

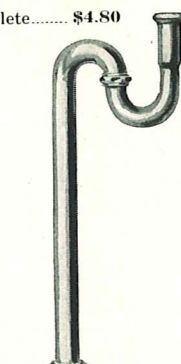


S-218 SCREWS—For closet bowls, with nickel plated removable heads and washers.
Price per dozen.....\$0.50



S-223 LAVATORY AND SINK TRAP—For wall connection. Highly nickel plated.
Size 1 1/4 in. 1 1/2 in.
Price\$1.35 \$1.50

S-227 SINK TRAP—Is constructed like regular sink trap except that it has iron pipe thread at outlet for 1 1/2 inch pipe. This trap can be substituted in place of regular trap on any of our sinks.
Price\$0.95



S-210 LAVATORY AND SINK TRAP—For floor connection. Highly nickel plated.
Size 1 1/4 in. 1 1/2 in.
Price.....\$1.75 \$1.95



S-212 SHOWER HEAD
—Tubular type. Nickel plated. Diameter 9 1/2 inches, inlet 3/4 inch.
Price\$6.00



S-215 SHOWER HEAD—Highly nickel plated. Pipe connection..... 3/8 in. 1/2 in. 1 1/2 in.
Size 4 in. 5 in. 7 in.
Price\$1.00 \$1.10 \$1.35

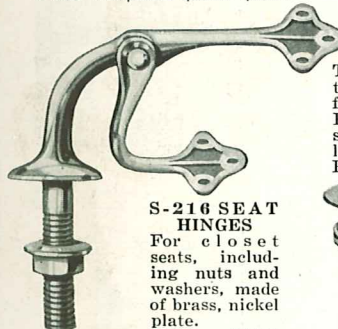


S-221 TOP SUPPLY BALL COCK—For high tank when water supply comes over top of tank.
Price\$0.90



S-225 RUBBER TANK BALL—Used in low tanks. Equipped with standard brass thread for attaching to S-229 wire stem.
Size 2 1/2 in. 2 3/4 in.
Price.....\$0.20 \$0.25

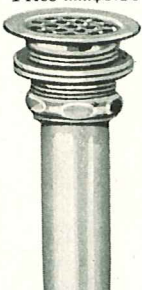
S-229 BALL STEM—For low-down closet tank.
Price each\$0.05



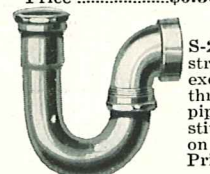
S-216 SEAT HINGES
For closet seats, including nuts and washers, made of brass, nickel plate.
Price\$0.75

S-213 FUNNEL CONNECTIONS

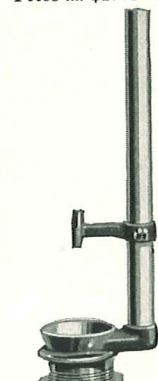
These connections are used for connecting P traps to old style sinks or laundry tubs.
Price\$0.30



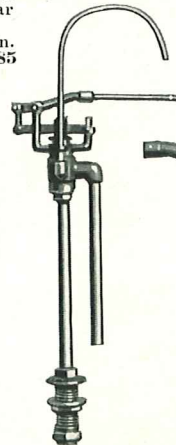
S-222 SINK STRAINER
Used on sinks of present models.
Price\$0.50



S-226 BOTTOM SUPPLY BALL COCK
Used in high tanks when water supply comes through bottom of tank.
Price\$0.90



S-219 FLUSH VALVE
For low tank.
Price\$1.50



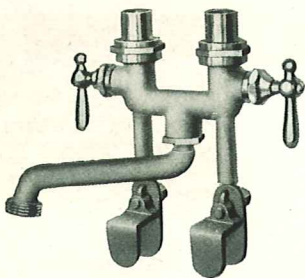
S-220 BALL COCK—Used in low-down tanks of all kinds. Equipped with refill tube.
Price\$1.00



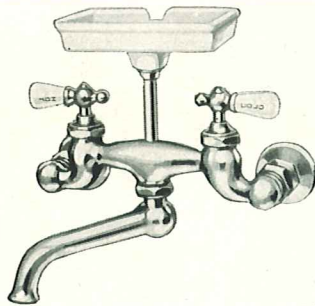
S-224 PLUMBER'S FORCE CUP—For forcing out stoppages and cleaning waste pipes, closets, etc. Made of fine quality red rubber.
Price\$0.35



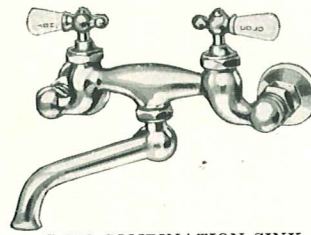
S-228 TRIP LEVER
With china handle for low-down closet tank.
Price\$0.65



S-230 COMBINATION LAUNDRY TUB MIXING FAUCET—This is the same type faucet furnished with our complete laundry tubs. It clamps securely over the rim of the tub. The adjustable spout has a hose connection and can be swung over either compartment.
For two-compartment tub.....\$2.25
For three-compartment tub.....3.25



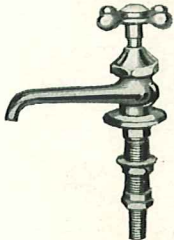
S-231 COMBINATION SINK MIXING FAUCET WITH CHINA SOAP DISH—Fits all sinks. Highly finished in nickel plate.
Price\$3.75
Price chromium plated.. 4.75



S-232 COMBINATION SINK MIXING FAUCET WITHOUT SOAP DISH—Fits all sinks. Highly finished in nickel plate.
Price\$3.25
Price chromium plated.. 4.25



S-233 COMBINATION QUICK COMPRESSION BATH COCK—Has china handles indexed Hot and Cold. Fits all bathtubs. Highly finished in nickel plate.
Price each\$1.95
Price chromium plated.. 2.55



S-234 COMPRESSION BASIN COCK—Semi-elevated pattern, indexed Hot and Cold. Highly finished in nickel plate.
Price each\$0.90
Price chromium plated 1.15



S-235 COMPRESSION BASIN COCK—Elevated pattern with full china cross handles. Marked Hot and Cold. Highly finished in nickel plate.
Price each\$1.15
Price chromium plated 1.40



S-236 FULLER BASIN COCK—Highly finished in nickel plate, with china handle indexed Hot and Cold and union connection for repairing, eliminating the necessity of disconnecting from below the lavatory.
Price each\$1.25



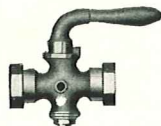
S-237 SELF-CLOSING BASIN COCKS—Faucets that close automatically and save water bills. Especially adapted for use in large buildings, hotels, etc. Highly finished in nickel plate and indexed Hot and Cold.
Price each\$2.25



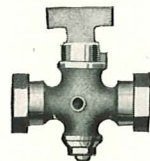
S-238 WHEEL HANDLE SILL COCK—Can also be used as loose key type. Furnished in rough nickel plate and can be supplied for 1/2 inch or 3/4 inch pipe connection. Threaded for 3/4 inch hose connection.
Price each\$0.60



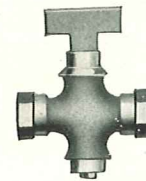
S-239 LEVER HANDLE STOP COCK
Size Price
1/2 inch\$0.45
3/4 inch65



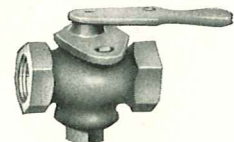
S-240 LEVER HANDLE STOP AND WASTE COCK
Size Price
1/2 inch\$0.50
3/4 inch70



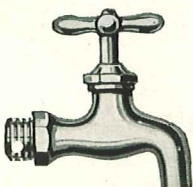
S-241 TEE HANDLE STOP AND WASTE COCK
Size Price
1/2 inch\$0.50
3/4 inch70



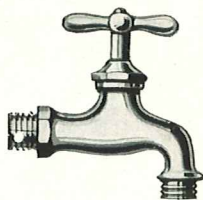
S-242 TEE HANDLE STOP COCK
Size Price
1/2 inch\$0.45
3/4 inch65



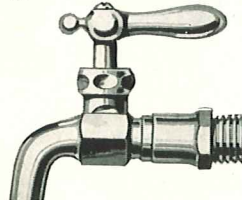
S-243 GAS LOCK SHUTOFF
For locking gas line in laundry when used by more than one party. Furnished only in 1/2 inch size.
Price each\$0.50



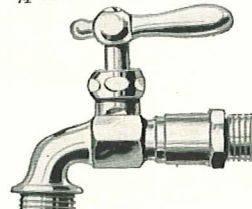
S-244 COMPRESSION PLAIN FAUCET
Polished brass.
Size Price
1/2 inch\$0.55
3/4 inch70



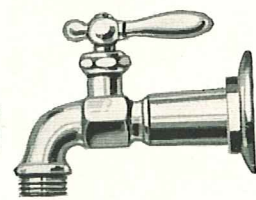
S-245 COMPRESSION HOSE FAUCET
Polished brass.
Size Price
1/2 inch\$0.65
3/4 inch80



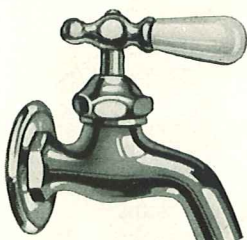
S-246 FULLER PLAIN FAUCET
Polished brass.
Size Price
1/2 inch\$0.70
3/4 inch85



S-247 FULLER HOSE FAUCET
Polished brass.
Size Price
1/2 inch\$0.80
3/4 inch90



S-248 FULLER HOSE FAUCET—With flange. Nickel plated.
Size Price
1/2 inch\$1.00
3/4 inch 1.10



S-249 COMPRESSION FLANGED FAUCET—Quick opening type, nickel plated. China handles indexed Hot and Cold. Furnished 1/2 inch size.
Price each\$0.90



S-250 RUBBER FULLER BALLS—Finest quality. Can be used for hot or cold water. Furnished in 1/2 inch and 5/8 inch sizes.
Per dozen\$0.20

S-251 FULLER CAP—Used between Fuller ball and nut. Size 1/2 inch and 5/8 inch.
Per dozen\$0.15

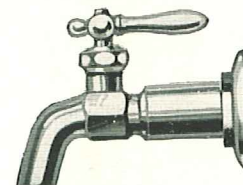
S-252 BIBB WASHERS—For compression faucets. Sizes 1/4 inch, 3/8 inch, 1/2 inch.
Per dozen\$0.10



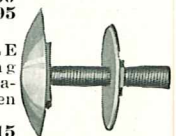
S-253 COMPRESSION STOP AND WASTE VALVE—Used where it is necessary to drain off surplus water in pipe to prevent freezing.
Size Price
1/2 inch\$0.55
3/4 inch60



S-254 BOILER DRAIN COCK—Threaded for 1/2 inch iron pipe and 3/4 inch hose connection.
Price each.....\$0.40



S-255 FULLER PLAIN FAUCET
With flange. Nickel plated.
Size Price
1/2 inch\$0.90
3/4 inch95



S-256 COCK HOLE COVER—For covering openings in sinks, lavatories and bathtubs when faucets are not used.
Price each\$0.15



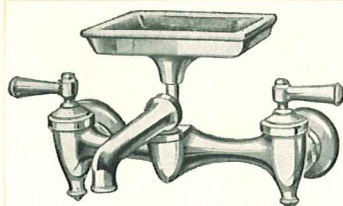
S-257

S-257 FULLER STEM—Part of Fuller faucet which holds ball and connects with eccentric.
Price each\$0.15

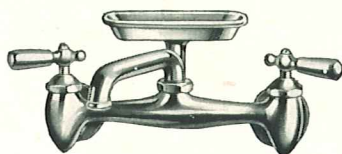


S-258

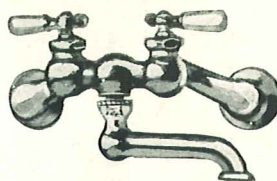
S-258 FULLER ECCENTRIC—Part of Fuller faucet on which handle fits and which connects to stem.
Price each\$0.15



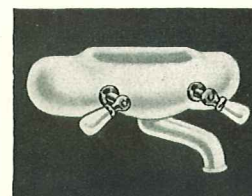
S-259 GLORIA—A combination sink mixing faucet of all chromium plate with metal soap dish. The most modern and newest design faucet on the market. Elegantly finished. Furnished only with top spout.
Price each\$8.75



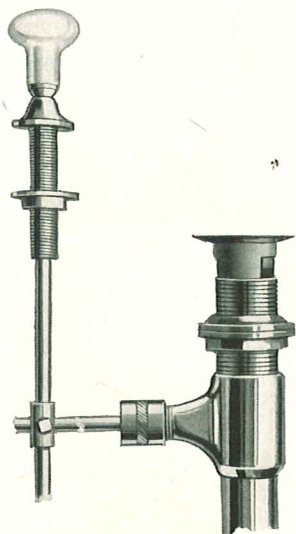
S-260 PREMIER—A combination mixing faucet of the same type as S-259 built to sell for less money and supplied with china soap dish. Highly nickel plated.
Price each\$3.85
Price chromium plated..... 4.45



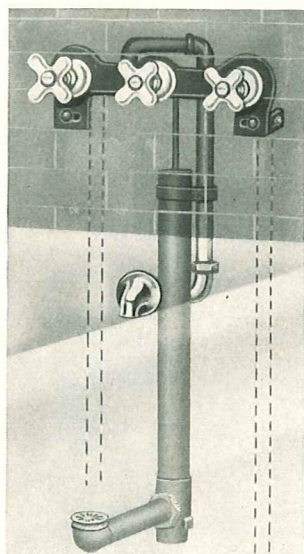
S-261 CHICAGO PATTERN—A combination sink mixing faucet of new design equipped with adjustable arms for connection to pipe from 2 to 3 1/2 inch spread. Can also be supplied with soap dish.
Price each\$5.00
Price chromium plated..... 6.10
Price nickel plated with soap dish 5.75



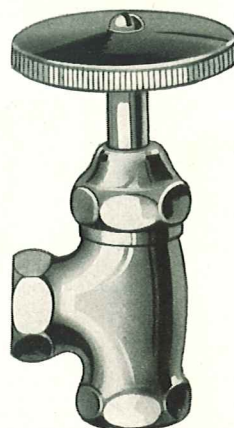
S-262 SWAN—A brand new idea in combination sink mixing faucet with integral soap dish. The brass body of the faucet is covered with a shield of enameled iron. Fits all sinks and can be supplied in white, green, carnal, black and blue.
Price each\$3.85



S-263 POP-UP WASTE FIXTURE—This fixture is the same as furnished with lavatory S-117. Highly finished in chromium plate.
Price each\$2.00



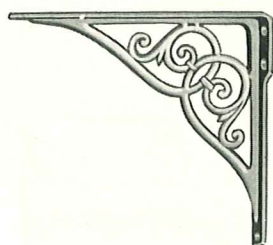
S-264 BATH FIXTURE—A combination concealed bath fixture, the same as furnished with S-102 bathtub.
Price each\$11.50



S-265 ANGLE VALVE STOP—Highly finished in nickel plate. Used on closet and lavatory supply lines. Furnished only in 3/8 inch size.
Price each\$0.65
Price chromium plated..... .95



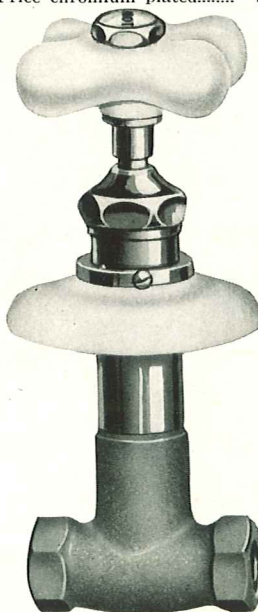
S-266 STRAIGHT VALVE STOP—Highly finished in nickel plate. Used on closet and lavatory supply lines. Furnished only in 3/8 inch size.
Price each\$0.65
Price chromium plated..... .95



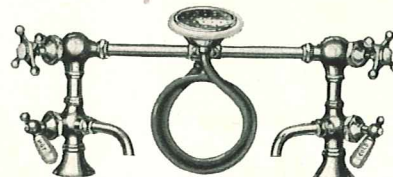
S-268 SINK BRACKETS—Made of cast iron and sturdily constructed. Generally used on S-150 sinks, although may be used for any purpose.
Price per pair.....\$0.40



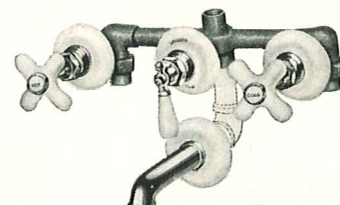
S-269 FILLING STATION FAUCET—Shoulder is threaded for connection to 3/4 inch hose and recommended for use in garages, filling stations, etc. Self-closing, therefore saves loss of water.
Price each\$1.25



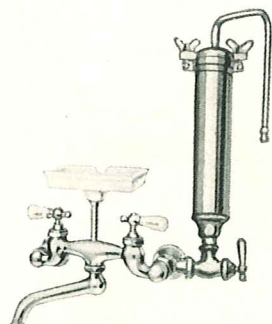
S-273 SHOWER VALVE—Can be used where installation is a concealed one with only section from escutcheon forward being exposed. Highly finished in nickel plate.
Price each\$2.10



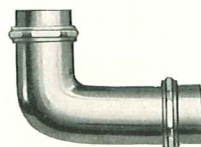
S-267 SHAMPOO FIXTURE—Expressly made for beauty parlors, barber shops, etc. Can be attached to any lavatory. Highly finished in nickel plate.
Price each\$11.75



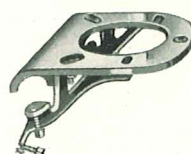
S-270 DIVERTING VALVE—A new model of combination shower and tub fixture. By operating middle handle, the water is transferred from tub filling spout to shower head above. Can be furnished with any of our built-in bathtubs.
Price each.....\$8.00



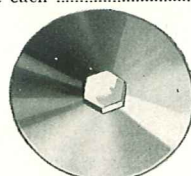
S-271 WATER FILTER—It gives you clean, healthy water and absolutely eliminates all bacteria. Years of experimental work was done before this was attained. Filter complete with attachment to fit any make faucet.
Price\$9.75
For all chrome finish add..... 2.50



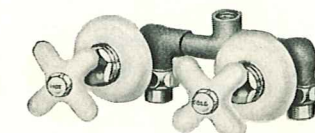
S-272 CLOSET ELBOW—Used on low down closet outfits. Complete with nuts and washers. Highly finished in nickel plate.
Price each\$0.90
Price each for high box..... .60



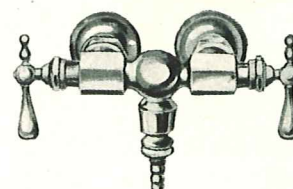
S-275 PUMP BRACKET—Can be securely attached to any roll or flat rim sink for holding pitcher and house force pumps of all styles.
Price each\$1.20



S-276 DRUM TRAP COVER—Highly finished in nickel plate and can be attached to any iron drum trap.
Price each\$0.45

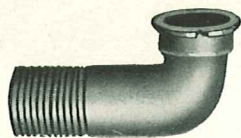


S-274 SHOWER VALVE—A combination shower valve regularly supplied with our built-in shower combination.
Price each\$4.25



S-277 FULLER BATH COCK—Old style combination bathtub faucet. Will fit all tubs. Highly finished in nickel plate.
Price each\$2.50

BENDS — TRAPS — LEAD GOODS



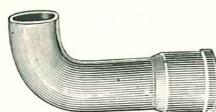
S-278 CAST IRON CLOSET BEND, PLAIN—Used to connect closet bowl to sanitary tee in wall stack. Equipped with adjustable collar which connects to outlet of closet bowl. Size 4x15½ inches.

Price\$0.80



S-279 CAST IRON CLOSET BEND, TAPPED—Used to connect closet bowl to sanitary tee in wall stack. Equipped with adjustable collar which connects to outlet of closet bowl. Furnished tapped on both sides for 1½ inch iron pipe. Size 4x15½ inches.

Price\$0.90



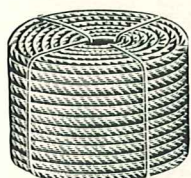
S-280 COMBINATION LEAD CLOSET BEND AND FERRULE—For connecting soil pipe with closet bowl. To be flanged over floor and joint made to bowl with putty.

Size	Price
4x14 inches	\$2.25
4x16 inches	2.40

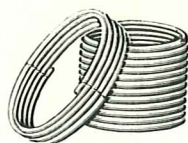


S-281 COMBINATION LEAD AND IRON FERRULE

Size	Price
4x 4 inches	\$0.45
4x 6 inches	.80
4x10 inches	1.15
4x14 inches	1.45



S-282 ROPE OAKUM
For calking iron soil pipe and fittings.
Price, per lb.....\$0.10



S-283 LEAD PIPE

Size Inch	Weight per ft.	Size Inches	Weight per ft.
½, strong.....	1¾ lbs.	1¼, aqueduct.....	2 lbs.
½, ex. strong.....	2½ lbs.	1¼, light.....	3 lbs.
⅝, strong.....	2½ lbs.	1½, aqueduct.....	3 lbs.
⅝, ex. strong.....	3 lbs.	1½, light.....	4 lbs.
¾, strong.....	3 lbs.	1½, waste.....	5 lbs.
¾, ex. strong.....	3½ lbs.		

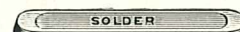
Price, per pound.....\$0.10

Prices on all lead goods are subject to market changes.



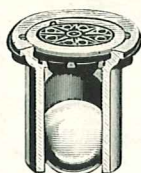
S-284 BLOCK LEAD—In 5-pound blocks. For calking soil pipe joints.

Price per block.....\$0.45



S-285 PLUMBER'S SOLDER
In bars of 1 pound.

Price\$0.25



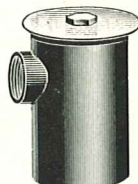
S-286 BACK WATER SEWER GRATE WITH COPPER FLOAT BALL—The only automatic double acting flood drain made. The copper ball prevents sewer water backing up into the basement. Drain is provided with a strainer to close valve when not in use. Heavy cast iron grate protects all working parts. Will fit regular sewer connection.

Price\$2.25



S-287 BACK WATER SEWER GRATE—Built on same principle as S-286 except that it has only the single acting feature. To close against back water it is necessary to turn the strainer. Heavy cast iron grate protects all working parts.

Price\$1.50



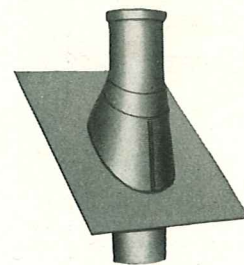
S-288 CAST IRON DRUM TRAP—With nickel plated cover. Side and bottom openings threaded for 1½ inch iron pipe. Size 4x5 inches.

Price\$0.85



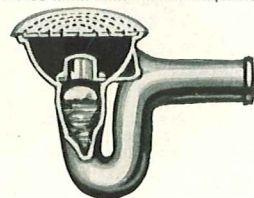
S-289 CAST IRON DRUM TRAP—With nickel plated cover. Threaded for 1½ inch iron pipe. Size 4x8 inches.

Price\$0.90



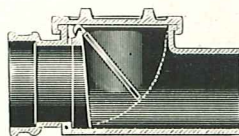
S-290 GALVANIZED ROOF FLANGE—Fits roof of any pitch. Lead collar at top calks down to soil pipe making tight connection. The flat surface is then covered by shingles or roofing.

Size	Price
2 inch	\$0.85
4 inch	1.00
5 inch	1.45



S-291 AUTOMATIC FLOOR DRAIN WITH BACK WATER VALVE—Diameter of top 9 inches.

Price\$3.50



S-292 BACK WATER VALVE—Made of cast iron. To be placed on the main line to the sewer to prevent back water. Equipped with aluminum gate so that the least pressure either way will instantly operate it.

Size	Price
4 inch	\$4.95
6 inch	6.50



S-293 FLOOR DRAIN TRAP—With loose cover provided with a deep bell seal preventing the escape of sewer gas. Used in basement and garage floors and in passage ways.

Size	Price
6x6 inches	\$0.45
9x9 inches	.75



S-294 FLOOR DRAIN TRAP—For use in basement or garage floors or passage way. Made of cast iron, hinged cover. Is equipped with a deep bell seal eliminating sewer gas.

Size	Price
6x6 inches	\$0.75
9x9 inches	1.00



S-295 REFRIGERATOR DRAIN—To be placed under the ice box to receive drip from ice. Has removable bell to prevent sewer gas escaping into the house. Aluminum finish. Diameter 8 inches. Outlet for 1¼-inch iron pipe.

Price\$0.45



S-296 BRASS SOLDER BUSHING—For soldering to lead pipe or lead trap to make an iron pipe connection.

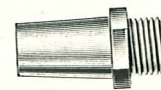
Size	Price
1¼x1¼ inches	\$0.18
1½x1¼ inches	.24
1½x1½ inches	.24
1½x1½ inches	.24



S-297 CLEANOUT PLUG

With brass cap.

Size	Price
2 inch	\$0.30
4 inch	.50



S-298 BRASS SOLDER NIPPLE
For soldering to lead pipe or lead trap to make an iron pipe connection.

Size	Price
½ inch	\$0.12
¾ inch	.15
1¼ inch	.25
1½ inch	.40

SOIL PIPE AND FITTINGS

OUR soil pipe and fittings are made of the best virgin gray iron and all patterns are standard to conform with the various codes. Each piece is thoroughly tested against defects. Pipe and fittings are dipped in tar to prevent rusting. Supplied in light or standard and extra heavy weight.



S-299 STANDARD AND EXTRA HEAVY WEIGHT SINGLE HUB SOIL PIPE IN 5-FOOT LENGTHS

2 in. Stand. S. H., wt. 19 lbs., per length	\$0.78
4 in. Stand. S. H., wt. 35 lbs., per length	1.35
2 in. Ex. Hy. S. H., wt. 29 lbs., per length	1.00
4 in. Ex. Hy. S. H., wt. 65 lbs., per length	2.00



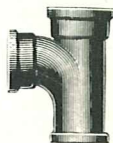
S-300 INCREASER FOR VENTILATING SOIL STACK

Size Inches	Price
2x4x24	\$0.80
4x5x30	1.25
4x24 tapped 1½ or 2 in.	1.25



S-301 STANDARD AND EXTRA HEAVY WEIGHT DOUBLE HUB SOIL PIPE IN 5-FOOT LENGTHS

2 in. Stand. D. H., wt. 20 lbs., per length	\$0.80
4 in. Stand. D. H., wt. 36 lbs., per length	1.40
2 in. Ex. Hy. D. H., wt. 30 lbs., per length	1.05
4 in. Ex. Hy. D. H., wt. 68 lbs., per length	2.15



S-302 SANITARY T BRANCH

Size Inches	Price
2x2 Stand.	\$0.35
4x2 Stand.	.55
4x4 Stand.	.75
2x2 Ex. Hy.	.45
4x2 Ex. Hy.	.70
4x4 Ex. Hy.	.90



S-303 SANITARY T BRANCH

2-in. right or left side opening. Left hand opening shown.

Size Inches	Price
4 Stand.	\$1.40
4 Ex. Heavy	1.55



S-304 Y BRANCH

Size Inches	Price
2x2 Stand.	\$0.35
4x2 Stand.	.55
4x4 Stand.	.75
2x2 Ex. Hy.	.45
4x2 Ex. Hy.	.70
4x4 Ex. Hy.	.90



S-305 CLEAN-OUT T

Size Inches	Price
2 Stand.	\$0.95
4 Stand.	1.10
2 Ex. Hy.	1.20
4 Ex. Hy.	1.40



S-306 CLEAN-OUT Y

Size Inches	Price
2 Stand.	\$0.95
4 Stand.	1.60
2 Ex. Hy.	1.20
4 Ex. Hy.	2.00



S-307 T BRANCH Tapped for Iron Pipe

Size Inches	Price
2x1½ Stand.	\$0.45
4x1½ Stand.	.65
4x2 Stand.	.65
2x1½ Ex. Hy.	.55
4x1½ Ex. Hy.	.80
4x2 Ex. Hy.	.80



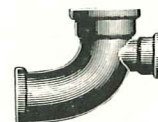
S-308 CROSS Tapped for Iron Pipe

Size Inches	Price
2x1½ Stand.	\$0.75
4x1½ Stand.	.90
4x2 Stand.	.90
2x1½ Ex. Hy.	.90
4x1½ Ex. Hy.	1.10
4x2 Ex. Hy.	1.10



S-309 QUARTER BEND

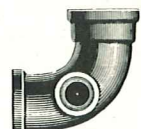
Size Inches	Price
2 Stand.	\$0.25
4 Stand.	.45
2 Ex. Hy.	.35
4 Ex. Hy.	.55



S-310 QUARTER BEND

2-inch heel inlet.

Size Inches	Price
4 Stand.	\$0.80
4 Ex. Hy.	1.00



S-311 QUARTER BEND

2-inch right or left side inlet. Right hand inlet shown.

Size Inches	Price
4 Stand.	\$0.80
4 Ex. Hy.	1.00



S-312 EIGHTH BEND

Size Inches	Price
2 Stand.	\$0.20
4 Stand.	.40
2 Ex. Hy.	.25
4 Ex. Hy.	.55



S-313 P TRAP

Size Inches	Price
2 Stand.	\$0.55
4 Stand.	.90
2 Ex. Hy.	.70
4 Ex. Hy.	1.20



S-314 PIPE REST

For standard or extra heavy soil pipe.

Size Inches	Price
2-inch	\$0.20
4-inch	.25



S-315 OFFSET

Size Inches	Price
2x12 Stand.	\$0.75
4x12 Stand.	1.05
2x12 Ex. Hy.	.90
4x12 Ex. Hy.	1.30
Other sizes can be furnished.	

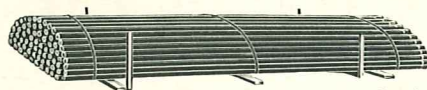


S-316 REDUCER

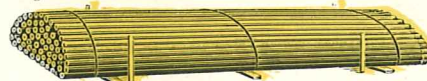
Size Inches	Price
4x2 Stand.	\$0.25
4x2 Ex. Hy.	.30

[Other sizes of Soil Pipe and Fitting can be supplied. Write for prices.]

PIPE AND FITTINGS



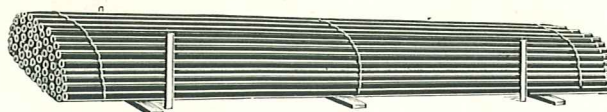
S-317 CONDUIT PIPE—This is the best grade of conduit pipe made. Approved by the underwriters and is full weight and heavily japanned. Furnished only in 1/2 inch size and in 10 foot lengths.
Price per length.....\$0.58



S-319 BRASS PIPE—Full weight and iron pipe size. Furnished in 12 foot lengths.

Size Inches	Weight Per Length	Price Per Length
3/8	8 lbs.	\$2.25
1/2	11 lbs.	3.00
3/4	15 lbs.	3.40
1	20 lbs.	4.50

Other sizes can also be furnished. Write for prices.



S-318 STANDARD GAS, STEAM AND WATER PIPE—Best grade of wrought steel pipe free from defects. Galvanized pipe should be used on supply and waste lines, such as drinking water pipe lines, etc. Black pipe is used for steam or hot water heating systems and gas work. All pipe is furnished in 20-foot lengths, which are threaded on both ends and fitted with a coupling on one end. Our prices are based on full lengths and if less is required threads and couplings are not included.

Size Inches	Weight Per Foot	Black		Galvanized	
		Price Per Ft.		Price Per Ft.	
3/8	1/2	\$0.03 1/2		\$0.05	
1/2	4/5	.04 1/2		.06	
3/4	1 1/4	.05 1/2		.07	
1	1 2/3	.07 3/4		.10	
1 1/4	2 1/4	.10 1/2		.13 1/2	
1 1/2	2 2/3	.12 1/2		.16 1/2	
2	3 2/3	.17		.22	
2 1/2	5 2/3	.27		.34 1/2	
3	7 1/2	.35		.45	

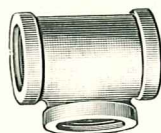
MALLEABLE FITTINGS

MALLEABLE fittings of best grade which can be depended on for their even quality. Galvanized fittings should be used for water supply and drainage work. Black fittings are for gas and oil.



S-320 MALLEABLE ELBOW

Size Inches	Price Black	Price Galv.
3/8	\$0.04	\$0.05
1/2	.06	.08
3/4	.08	.10
1	.09	.14
1 1/4	.15	.20
1 1/2	.20	.28
2	.35	.40



S-321 MALLEABLE TEE

Size Inches	Price Black	Price Galv.
3/8	\$0.06	\$0.08
1/2	.08	.10
3/4	.09	.12
1	.12	.17
1 1/4	.22	.30
1 1/2	.26	.40
2	.42	.65



S-322 MALLEABLE STREET ELBOW

Size Inches	Price Black	Price Galv.
3/8	\$0.05	\$0.06
1/2	.07	.09
3/4	.09	.12
1	.11	.15
1 1/4	.19	.25
1 1/2	.24	.31
2	.39	.50



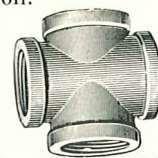
S-323 MALLEABLE 45° ELBOW

Size Inches	Price Black	Price Galv.
3/8	\$0.04	\$0.05
1/2	.06	.08
3/4	.08	.11
1	.11	.15
1 1/4	.18	.25
1 1/2	.25	.35
2	.40	.55



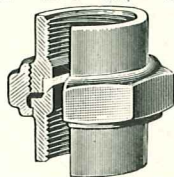
S-324 MALLEABLE 45° STREET ELBOW

Size Inches	Price Black	Price Galv.
3/8	\$0.06	\$0.08
1/2	.06	.08
3/4	.08	.10
1	.13	.18
1 1/4	.19	.30
1 1/2	.26	.36
2	.45	.60



S-325 MALLEABLE CROSS

Size Inches	Price Black	Price Galv.
3/8	\$0.07	\$0.09
1/2	.11	.14
3/4	.17	.23
1	.24	.30
1 1/4	.30	.40
1 1/2	.41	.55
2	.65	.84



S-326 BRASS AND IRON GROUND JOINT UNION

Size Inches	Price Black	Price Galv.
3/8	\$0.12	\$0.18
1/2	.16	.22
3/4	.20	.30
1	.25	.40
1 1/4	.35	.60
1 1/2	.50	.80
2	.65	1.05



S-327 STANDARD UNION

Size Inches	Price Black	Price Galv.
3/8	\$0.12	\$0.18
1/2	.13	.19
3/4	.16	.24
1	.19	.30
1 1/4	.27	.42
1 1/2	.35	.54
2	.45	.69



S-328 MALLEABLE REDUCING COUPLING

Size Inches	Price Black	Price Galv.
3/8	\$0.03	\$0.04
1/2	.05	.06
3/4	.06	.08
1	.09	.14
1 1/4	.10	.17
1 1/2	.13	.20
2	.22	.32



S-329 MALLEABLE CAP

Size Inches	Price Black	Price Galv.
3/8	\$0.02	\$0.04
1/2	.04	.05
3/4	.06	.08
1	.09	.12
1 1/4	.11	.15
1 1/2	.13	.18
2	.22	.28



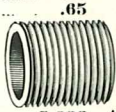
S-330 STANDARD COUPLING

Size Inches	Price Black	Price Galv.
3/8	\$0.03	\$0.04
1/2	.04	.05
3/4	.05	.07
1	.07	.09
1 1/4	.08	.13
1 1/2	.11	.16
2	.14	.20
2 1/2	.30	.42
3	.45	.60



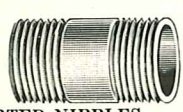
S-331 MALLEABLE PLUG

Size Inches	Price Black	Price Galv.
3/8	\$0.02	\$0.03
1/2	.02	.03
3/4	.03	.04
1	.04	.05
1 1/4	.05	.06
1 1/2	.06	.08
2	.07	.12



S-332 ASSORTED NIPPLES

Size Inches	Price Black	Price Galv.
3/8	\$0.02	\$0.03
1/2	.03	.04
3/4	.04	.05
1	.05	.06
1 1/4	.06	.09
1 1/2	.07	.10
2	.08	.14
2 1/2	.12	.20
3	.18	.25



S-333 BUSHING

Size Inches	Price Black	Price Galv.
3/8	\$0.03	\$0.05
1/2	.03	.05
3/4	.03	.07
1	.04	.08
1 1/4	.05	.09
1 1/2	.06	.14
2	.09	.18
2 1/2	.13	...
3	.20	...
4	.32	...



S-334 MALLEABLE FLOOR FLANGE DRILLED

Size Inches	Price Black
3/8	\$0.06
1/2	.09
3/4	.11
1	.12
1 1/4	.13
1 1/2	.15
2	.21



S-335 TINNED STRAPS

Size Inches	Price per dozen
3/8	\$0.10
1/2	.12
3/4	.15
1	.18
1 1/4	.24
1 1/2	.30
2	.40

BRASS FITTINGS

THESE are all of iron pipe size and threaded the same. Brass pipe and fittings are used extensively in various parts of the country for concealed work and can be used for exposed work as well.



S-336 BRASS ELBOW

Size Inches	Price
3/8-inch	\$0.08
1/2-inch	.10
3/4-inch	.12
1-inch	.16



S-337 BRASS 45° ELBOW

Size Inches	Price
3/8-inch	\$0.10
1/2-inch	.12
3/4-inch	.14
1-inch	.16



S-338 STREET ELBOW

Size Inches	Price
3/8-inch	\$0.10
1/2-inch	.15
3/4-inch	.20
1-inch	.25



S-339 BRASS TEE

Size Inches	Price
3/8-inch	\$0.09
1/2-inch	.12
3/4-inch	.17
1-inch	.25



S-340 BRASS UNION

Size Inches	Price
3/8-inch	\$0.19
1/2-inch	.25
3/4-inch	.35
1-inch	.48



S-341 BRASS COUPLING

Size Inches	Price
3/8-inch	\$0.04
1/2-inch	.05
3/4-inch	.07
1-inch	.12



S-342 ASSORTED BRASS NIPPLES

Size Inches	Price
3/8-inch	\$0.16
1/2-inch	.19
3/4-inch	.24
1-inch	.30

DRAINAGE FITTINGS

MADE especially for drainage work. Inside diameter is made to conform with inside diameter of pipe, so that when pipe is screwed into the fitting no burr is left, thus preventing stoppages.



S-343 90° DRAINAGE ELBOW

Size Inches	Price
1 1/4	\$0.15
1 1/2	.20
2	.30



S-344 45° DRAINAGE ELBOW

Size Inches	Price
1 1/4	\$0.15
1 1/2	.20
2	.30



S-345 DRAINAGE STREET ELBOW

Size Inches	Price
1 1/4	\$0.23
1 1/2	.25

DRAINAGE 45° STREET ELBOW

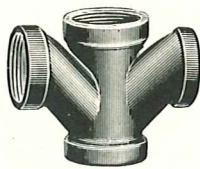
Size Inches	Price
1 1/4	\$0.23
1 1/2	.25



S-346 LONG SCREW, GALVANIZED

For Drainage Work

Size Inches	Price
1 1/4	\$0.55
1 1/2	.75
2	.95



S-347 DRAINAGE 90° DOUBLE Y BRANCH

Size Inches	Price
1 1/4	\$0.45
1 1/2 x 1 1/4	.60
1 1/2	.53
2	.80
2 x 1 1/2	.95



S-348 DRAINAGE Y BRANCH

Size Inches	Price
1 1/4	\$0.33
1 1/2 x 1 1/4	.42
1 1/2	.40
2	.55
2 x 1 1/2	.60



S-349 LONG TURN DRAINAGE ELBOW

Size Inches	Price
1 1/4	\$0.20
1 1/2	.25
2	.35



S-350 DRAINAGE T BRANCH

Size Inches	Price
1 1/4	\$0.20
1 1/2 x 1 1/4	.30
1 1/2	.30
2	.50
2 x 1 1/2	.55

CAST IRON FITTINGS

CAST fittings are used mainly in steam or hot water heating systems or on other cheaper installations. Made of best grade cast iron heavily constructed. On Reducing Fittings, the Largest Size Governs the Price.



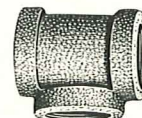
S-351 CAST IRON ELBOW

Size Inches	Price
3/4	\$0.05
1	.07
1 1/4	.10
1 1/2	.12
2	.18
2 1/2	.30
3	.45



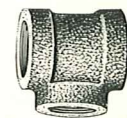
S-352 CAST IRON REDUCING ELBOW

Size Inches	Price
3/4	\$0.06
1	.08
1 1/4	.11
1 1/2	.14
2	.19
2 1/2	.36
3	.51



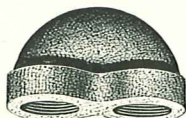
S-353 CAST IRON TEE

Size Inches	Price
3/4	\$0.08
1	.09
1 1/4	.14
1 1/2	.18
2	.24
2 1/2	.44
3	.66



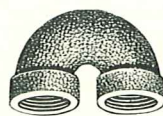
S-354 CAST IRON REDUCING TEE

Size Inches	Price
3/4	\$0.08
1	.10
1 1/4	.17
1 1/2	.20
2	.29
2 1/2	.50
3	.75



S-355 CAST IRON CLOSE PATTERN RETURN BEND

Size Inches	Price
1	\$0.08
1 1/4	.09
1 1/2	.14
2	.24
2 1/2	.44
3	.66



S-356 CAST IRON OPEN PATTERN RETURN BEND

Size Inches	Price
1	\$0.18
1 1/4	.24
1 1/2	.33
2	.48
2 1/2	.81
3	1.32



S-357 CAST IRON 45° ELBOW

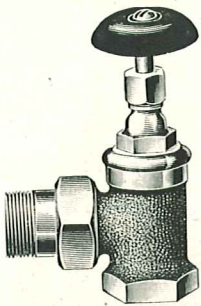
Size Inches	Price
3/4	\$0.06
1	.08
1 1/4	.12
1 1/2	.15
2	.20
2 1/2	.36
3	.54



S-358 CAST IRON FLANGED UNION

Size Inches	Price
1 1/2	\$0.47
2	.60
2 1/2	.75
3	.90

VALVES AND STOP COCKS



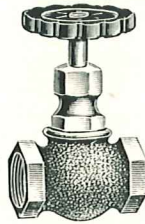
S-359 HOT WATER RADIATOR VALVE—Made of solid brass, nickel-plated. One half turn opens valve to full capacity.

Size Inches	Price
3/4	\$0.70
1	.95
1 1/4	1.20
1 1/2	1.50



S-360 STEAM RADIATOR VALVE—Made of solid brass, nickel-plated and equipped with best quality composition disc.

Size Inches	Price
3/4	\$0.90
1	1.05
1 1/4	1.35
1 1/2	1.75



S-361 BRASS GLOBE VALVE—Heavily made. Will stand 100 lbs. pressure.

Size Inches	Standard Price	Composition Disc
3/8	\$0.35	\$0.70
1/2	.50	.85
3/4	.60	1.20
1	.85	1.45
1 1/4	1.20	2.00
1 1/2	1.65	3.20
2	2.50	5.00



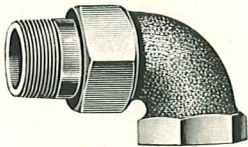
S-362 ANGLE VALVE

Size Inches	Price
1/2	\$0.50
3/4	.60
1	.85
1 1/4	1.20
1 1/2	1.65
2	2.50



S-363 GATE VALVE

Size Inches	Price
1/2	\$0.65
3/4	.80
1	1.10
1 1/4	1.50
1 1/2	2.00
2	2.75



S-364 HOT WATER UNION ELBOW—For hot water radiators. Made of solid brass, nickel-plated.

Size Inches	Price
3/4	\$0.40
1	.50
1 1/4	.70
1 1/2	.90



S-365 SWING CHECK VALVE

Size Inches	Price
1/2	\$0.90
3/4	1.00
1	1.25
1 1/4	1.65
1 1/2	2.15
2	2.50



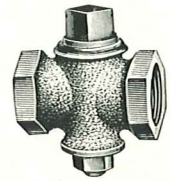
S-366 HORIZONTAL CHECK VALVE

Size Inches	Price
1/2	\$0.55
3/4	.70
1	.95
1 1/4	1.35
1 1/2	1.45
2	2.10



S-367 VERTICAL CHECK VALVE

Size Inches	Price
1/2	\$0.55
3/4	.75
1	1.05
1 1/4	1.40
1 1/2	2.00
2	3.10



S-368 SQUARE HEAD STEAM COCK—Made of solid brass. Used for shut-off in feed water line to steam or hot water boiler.

Size Inches	Price
1/2	\$0.50
3/4	.65
1	.90



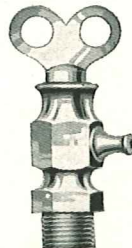
S-369 No. 2 SYPHON AIR AND VACUUM VALVE—This vent is just the one you have wanted for many years. Built on the same principle as the higher priced vents having no better features. When your steam plant cools down, there naturally is a contraction by the receding of the pressure, beside that pressure which is always in the air. The check in the vent prevents the pressure from going all the way back to the boiler, so that when your steam is again generated, it is not required to force its way back to the radiator, as is prevalent when using a common, ordinary carbon or syphon air valve. This valve alone will save you considerable in fuel costs and wastes, besides the replacement of the cheap type vents, which usually is done every season.

Price\$0.75



S-370 AUTOMATIC STEAM AIR VENT—Made of brass, nickel-plated. For removing air out of steam radiators. Closes automatically when radiator is filled with steam.

Price\$0.25



S-371 LOOSE KEY AIR VALVE—For removing air from hot water radiators. Equipped with loose key. Price\$0.10
Extra Key05
One key furnished with six valves.



S-375 FLOOR AND CEILING PLATES—Nickel-plated steel adjustable floor and ceiling plates to be used where steam or hot water pipes are exposed in the rooms.

Size Inches	Price
3/4	\$0.07
1	.09
1 1/4	.10
1 1/2	.11
2	.12

S-376 HOT WATER THERMOMETER—For hot water heating systems. Indicates temperature up to 260 degrees. Size of pipe thread 1/2 inch.

Price\$0.65

S-379 GALVANIZED EXPANSION TANK—Used on hot water heating system to provide for contraction and expansion of water. Made of steel, galvanized inside and outside. Tank is furnished complete with water gauge. Size of inlet and overflow is 1 inch.

Capacity	Price
10 gallons	\$ 7.25
15 gallons	8.50
20 gallons	11.25
26 gallons	12.50



S-372 GAUGE COCKS

Size Inches	Price
3/8	\$0.50
1/2	.60



S-373 LOW PRESSURE POP SAFETY VALVE—Used on steam heating boilers. Made of iron and brass. Valves are set to blow off at 15 pounds.

Size Inches	Price
3/4	\$1.65
1	1.85
1 1/4	2.05
1 1/2	2.40



S-374 HANGER RINGS—Made of steel band for hanging pipes. Furnished complete with bolts.

Size Inches	Price
3/4	\$0.05
1	.06
1 1/4	.07
1 1/2	.08
2	.09
2 1/2	.10
3	.11



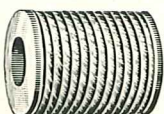
S-376



S-380 ALTITUDE GAUGE—For showing height of water in hot water heating boiler. Diameter 4 1/2 inches. Threaded for 1/4 inch iron pipe. Price\$1.15



S-381 LOW PRESSURE STEAM GAUGE—Used on steam boilers. Diameter 4 1/2 inches. Threaded for 1/4 inch iron pipe. Complete with stop cock. Price\$1.65



S-377 GRAPHITE PACKING

1/4 pound reel.....\$0.35

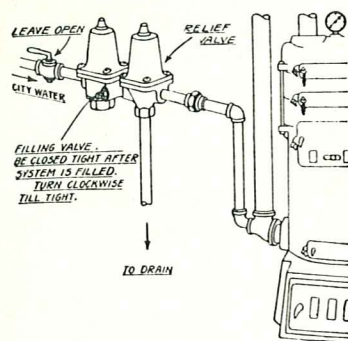


S-378 RUBBER DIAPHRAGMS—Used on low pressure steam boilers.

Size Inches	Price
7	\$0.45
8	.50
9	.60
10	.75

HEATING APPLIANCES

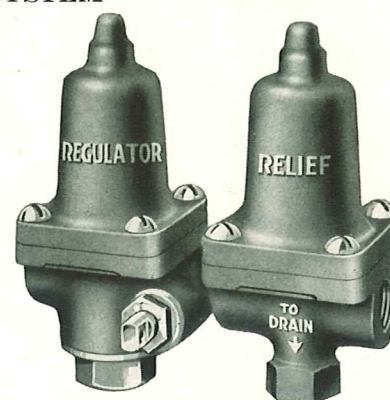
S-382 AUTOMATIC HOT WATER PRESSURE SYSTEM



ELMINATE the expansion tank, carry a uniform and slightly higher pressure in the system and decrease the air pockets in high points of piping as a result.

Save a very definite amount of fuel—allow the water to absorb more heat from the boiler due to the higher pressure, this speeds up the circulation so the water reaches the radiators piping hot.

Price\$11.50



THE IMPROVED MODEL

Built of bronze, the Control has a large, easily cleaned strainer ahead of the working parts for their protection; a wide opening regulator to supply the water, this also protected by another strainer and—

A By-Pass Valve that is used to fill the system quickly and prevent foreign matter in the piping from choking up the entire unit—

All within one compact sturdy body casing.

Automatic—The old way was to periodically fill the hot water system by hand—then constantly watch it.

With the Control it is filled once by hand—then forgotten.

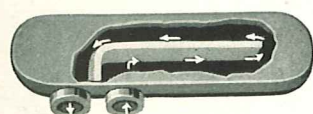
Installation—Easily installed on both old and new jobs—one size is adequate for all installations.

Simply cut out a six-inch length of the supply pipe to the system and install the Control—that's all!

How It Operates—The unit is a combined regulator, relief valve, by-pass valve and strainer. Once installed, the action is automatic. The regulator constantly maintains a pressure of not less than 10 pounds within the system and the relief valve prevents the pressure going high enough to be dangerous. The by-pass is for quick filling and the strainer protects the unit and the entire system.

What It Accomplishes—Reduces air pockets due to the higher pressure carried and consequently speeds up circulation. This feature is naturally a great fuel saver.

Completely replaces the expansion tank and tank piping with a compact automatic unit that requires no watching or worry—and costs considerably less.



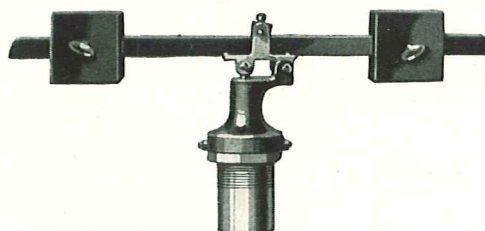
S-383 FURNACE COIL—Made of cast iron and will fit all makes of furnaces. Tapped for $\frac{3}{4}$ inch pipe with $2\frac{1}{2}$ inch centers.

Price\$1.00



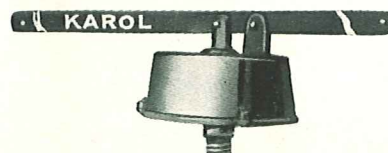
S-385 HOT WATER COIL—Cast iron hot water coil for use in connection with boilers of all makes, which will heat up to 50 gallons per hour. Comes equipped with pipe and fittings to bring connection through fire pot openings. When ordering specify spread.

Price\$1.00



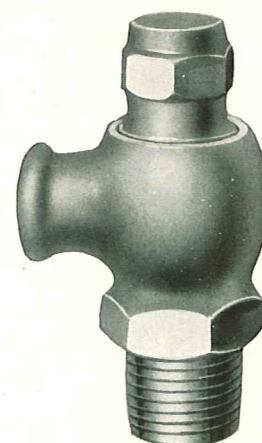
S-384 DAMPER REGULATOR—For use on hot water supply and hot water heating boilers. It saves its cost many times during the heating season, as it operates against the temperature of the water, opening and closing the draft accordingly. Complete with chain, pulleys, screws, weights and rods.

Price\$9.25



S-386 LOW PRESSURE AUTOMATIC DAMPER REGULATOR FOR STEAM BOILERS—Made of cast iron and can be taken apart to replace diaphragm. Not necessary to discard the entire regulator as is the case when buying a one-piece outfit with the metal bellows. Diaphragm shown under figure S-378.

Price complete\$4.95



S-387 PRESSURE RELIEF VALVE—This relief valve can be used on low pressure boilers as well as on range boilers or pipe lines where the pressure must be relieved. Threaded for $\frac{1}{2}$ inch connection with $\frac{3}{8}$ inch drain.

Price\$1.20

HEATING APPLIANCES — TOOLS



S-388 PLUMBER'S PUTTY—Used to set closet bowls and for making connections on enameled fixtures. Can also be used for any putty purpose.

1-pound can	\$0.10
5-pound can .....	.40
10-pound can .....	.75
25-pound pail	1.25



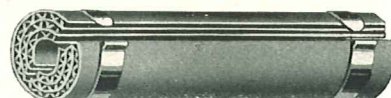
S-389 ASBESTOS CEMENT—Used for covering heating boilers, smoke pipes, range boilers, etc., to prevent loss of heat. It is made of asbestos and cement and is mixed like plaster and applied about 1½ inches thick. Packed in 100-pound bags.

Per bag\$1.70



S-390 FLUE SCRAPER

Size	Price
2 -inch	\$1.20
2½ -inch	1.50
3 -inch	1.80



S-391 ASBESTOS AIR-CELL PIPE COVERING—For covering pipes on heating systems. Will reduce your coal bills and improve your heating system. Furnished in 3-foot lengths, ¾ inch thick. Complete with canvas jacket and metal bands.



S-392 FLUE CLEANER

Spiral wire.

Size	Price
2 -inch	\$0.36
2½ -inch .....	.45
3 -inch .....	.54

Size inches	Price per length	Size inches	Price per length
¾ or 1	\$0.20	3	\$0.37
1	.22	3½	.42
1¼	.25	4	.50
1½	.27	4½	.69
2	.30	5	.74
2½	.33	6	.84



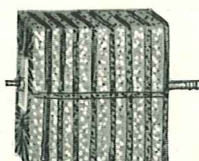
S-393 CUTTING OIL—A high grade oil for plumbers and steam fitters. Will not thicken in cold weather and will save your tools.

1-gallon cans\$1.25



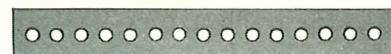
S-394 FURNACE PUTTY—Made of asbestos fiber combined with other fireproof materials. Easily worked between joints of boilers and furnaces and when dry becomes as hard as the iron on which it is used.

5-pound can\$0.35



S-395 STEEL WIRE FLUE BRUSH—For cleaning cast iron heating boilers and furnaces. Tapped for ¾ inch iron pipe size. Size 2x4x6 inches.

Price\$1.00



S-396 PERFORATED HANGER IRON—For use with steel hanger rings. Comes in 10-foot lengths.

Per length\$0.25



S-397 DRAIN PIPE SOLVENT

Saves plumbing bills.

1 pound can\$0.25



S-398 PIPE JOINT CEMENT—Used on threads to make pipe joint tight. Prevents rusting. 1 pound can.

Price\$0.25



S-399 BRONZING LIQUID

High quality quick drying liquid. Will not tarnish gold bronze or aluminum.

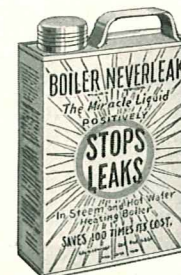
½-gallon cans\$0.70
1-gallon cans1.30



S-400 RADIATOR BRONZE

Finest grade powder. Supplied in gold bronze and aluminum.

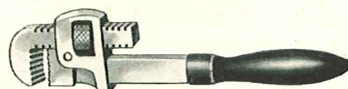
½-pound cans\$0.65
1-pound cans1.15



S-401 BOILER COMPOUND

For stopping leaks in cast iron steam or hot water heating boilers.

Quart can\$1.90



S-402 STILLSON WRENCH—Guaranteed. Made of high-grade tool steel. Parts are interchangeable with any standard Stillson wrench.

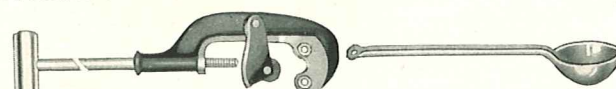
Size	Price
10 in. holds pipe ⅜ to 1 in.....	\$0.75
14 in. holds pipe ¼ to 1½ in.....	1.05
18 in. holds pipe ¼ to 2 in.....	1.50



S-403 GENUINE TRIMO PIPE WRENCH

This is a highly recommended, well made, durable pipe wrench. Absolutely guaranteed.

Size	Price
10 in. holds pipe ⅜ to 1 in.....	\$0.90
14 in. holds pipe ¼ to 1½ in.....	1.15
18 in. holds pipe ¼ to 2 in.....	1.90
24 in. holds pipe ¼ to 2½ in.....	2.70
36 in. holds pipe ½ to 3½ in.....	5.00



S-404 SAUNDERS PIPE CUTTER—Made of malleable iron with tool steel cutting wheels. The wheel cuts a groove in the pipe and the two rollers smooth the edges so that the dies take hold readily when threading the pipe.

No. 1 cuts pipe ⅜ to 1 in.....\$1.75
No. 2 cuts pipe 1 to 2 in.....2.50

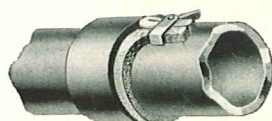
S-405 POURING LADLE—Made of malleable iron for pouring lead and solder.

Price\$0.35



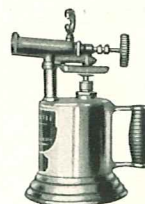
S-406 MELTING POT—Made of cast iron for melting lead and solder. Used in connection with plumber's furnace. Size 5 inches.

Price\$0.45



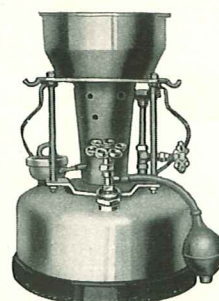
S-407 IMPROVED JOINT RUNNER—Always needed for pouring lead into horizontal joints of soil pipe. Fits close to soil pipe hub preventing lead from leaking out. Fitted with pouring lip and clamps.

Price\$1.65



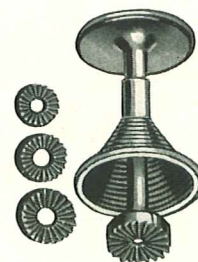
S-408 PLUMBER'S TORCH—Made of high-grade polished brass. Used for soldering, burning off old paint, thawing frozen water pipes, etc. It is very convenient around the home for repair jobs on automobiles, radios, plumbing, etc. Holds one quart of gasoline.

Price\$3.50



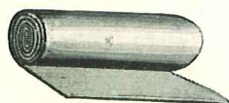
S-411 PLUMBER'S GASOLINE BLAST FURNACE—Used for melting lead and solder and, by removing top, may be used as a torch for thawing water pipes. The best constructed furnace on the market. Capacity of reservoir one gallon.

Price\$5.50



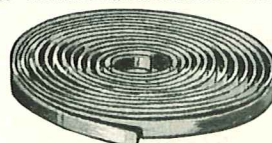
S-412 SEAT DRESSER—For grinding seats of compression faucets. Fits ⅝, ½, ¾ and 1 inch faucets. Repair a leaky faucet quickly. Fits all makes and styles.

Price complete.....\$1.35



S-400 RUBBER SHEET PACKING—3/32-inch thick, one square foot to the pound.

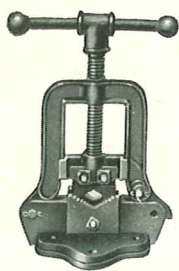
Price per pound.....\$0.50



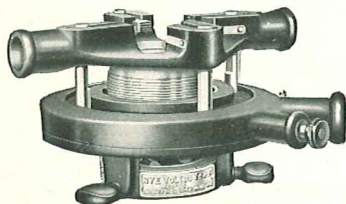
Size	Price
25 feet 1¼ inch wide.....	\$1.25
50 feet 1¼ inch wide.....	2.50
75 feet 1¼ inch wide.....	3.75
100 feet 1¼ inch wide.....	4.95

RODS FOR CLEANING WASTE PIPE
¼ inch wide, 25 feet long.

Price with holder.....\$1.00

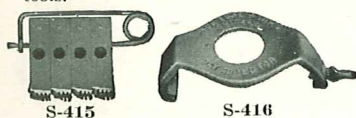


S-413 PIPE VISE—Made of malleable iron. Steel jaws. Has side latch and hinge allowing frame to be opened quickly for removing pipe. Extra heavy type. Holds pipe $\frac{1}{8}$ to $2\frac{1}{2}$ inches.
Price\$3.35



S-414 RATCHET STOCK—The easiest operating threading device that was ever offered. A boy can operate it successfully. It consists of only three main parts, the rear portion or pipe holder, the taper pin section which is the center and the die head section which is the front. The feature of the outfit is the ratchet attachment which not only makes the threading a simple matter but enables the user to get in the close places to thread pipe without using both hands. The complete set in a nice wooden box contains two handles, the stock and all dies and guides from 1 to 2 inches, inclusive. Price complete\$12.00

This outfit can be furnished with an adaptor whereby your small solid dies can be used eliminating that necessity of carrying two sets of tools.



S-415 RATCHET STOCK DIES
Per set each size.....\$1.25
S-416 ADAPTOR
Price\$0.50



S-417 EASY PIPE THREADER

For threading wrought pipe. Stocks are made of malleable iron and dies are of tempered tool steel.

No. 1 Stock and 5 dies
 $\frac{1}{4}$ to 1 inch.....\$6.50
No. 2 Stock and 3 dies
 $1\frac{1}{4}$ to 2 inches..... 9.00

Extra Dies and Guides

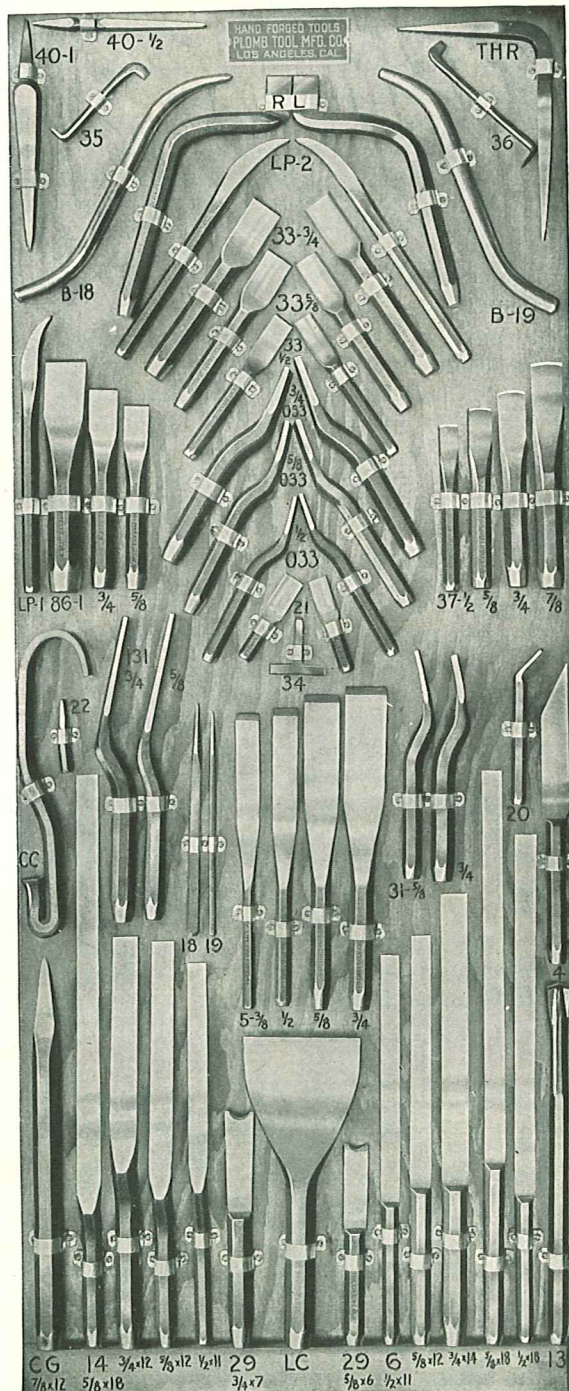
No. 1 Dies.....\$0.95
No. 2 Dies..... 1.45
No. 1 Guides..... .25
No. 2 Guides..... .45

GUARANTEED TOOLS

HAND FORGED TOOLS

The hand forged tools shown on this page are made of the hardest, toughest tool steel and are guaranteed against defects when properly used.

No.	S-418 TOOL ASSORTMENT	Price
40	$\frac{1}{2}$ Brace Reamer	\$0.75
40	1 Brace Reamer	1.50
THR	$\frac{1}{2}$ Hand Reamer	1.20
35	$\frac{1}{4}$ Offset Screw Driver.....	.40
36	$\frac{1}{4}$ Auto Screw Driver.....	.50
BI-8	$\frac{1}{2}$ x10 Bending Iron.....	.40
BI-9	$\frac{5}{8}$ x10 Bending Iron.....	.50
RL	$\frac{5}{8}$ x9 Right and Left Calkers, Prs.....	1.50
LP-2	$\frac{1}{2}$ x9 Lead Picking Tools, Prs.....	1.20



LP-1	$\frac{1}{2}$ x9 Lead Picking Tool, Straight, Single.....	.60
33	$\frac{3}{4}$ Long Calkers, Prs.....	1.20
33	$\frac{5}{8}$ Long Calkers, Prs.....	1.00
33	$\frac{1}{2}$ Long Calkers, Prs.....	.80
O33	$\frac{3}{4}$ Offset Long Calkers, Prs.....	1.40
O33	$\frac{5}{8}$ Offset Long Calkers, Prs.....	1.20
O33	$\frac{1}{2}$ Offset Long Calkers, Prs.....	1.00
21	$\frac{1}{2}$ Pony Calkers, Prs.....	.80
86	$\frac{5}{8}$ Cold Chisel.....	.40
86	$\frac{3}{4}$ Cold Chisel.....	.55
86	1 Cold Chisel.....	.90
37	$\frac{1}{2}$ Soil Pipe Chisel.....	.40
37	$\frac{5}{8}$ Soil Pipe Chisel.....	.50
37	$\frac{3}{4}$ Soil Pipe Chisel.....	.65
37	$\frac{7}{8}$ Soil Pipe Chisel.....	.90
34	T Screw Drivers, 3 Blades .....	.60
CC	$\frac{5}{8}$ x12 Ceiling Calker.....	1.50
22	$\frac{3}{8}$ Gas Fitters' Calker.....	.22
31	$\frac{3}{8}$ Short Gasket Calker....	.60
31	$\frac{1}{2}$ Short Gasket Calker....	.80
131	$\frac{5}{8}$ Long Gasket Calker ....	.70
131	$\frac{3}{4}$ Long Gasket Calker ....	.90
20	$\frac{1}{2}$ Elbow Calker.....	.40
4	$\frac{5}{8}$ Plugging Chisel .....	.70
5	$\frac{3}{8}$ Stock $\frac{5}{8}$ Cut Floor Chisel .....	.60
5	$\frac{1}{2}$ Stock $\frac{3}{4}$ Cut Floor Chisel .....	.80
5	$\frac{5}{8}$ Stock 1 Cut Floor Chisel	1.00
5	$\frac{3}{4}$ Stock 1 $\frac{1}{2}$ Cut Floor Chisel	1.20
18	$\frac{1}{8}$ x7 Sq. Scratch Awl.....	.40
19	$\frac{1}{8}$ x7 Oct. Scratch Awl.....	.25
CG	$\frac{7}{8}$ x12 Concrete Gad.....	1.25
14	$\frac{5}{8}$ x18 Offset Yarner	1.20
14	$\frac{5}{8}$ x12 Offset Yarner .....	.90
14	$\frac{3}{4}$ x14 Offset Yarner	1.20
14	$\frac{1}{2}$ x11 Offset Yarner .....	.80
6	$\frac{1}{2}$ x11 Spring Yarner.....	.80
6	$\frac{5}{8}$ x12 Spring Yarner.....	.90
6	$\frac{3}{4}$ x14 Spring Yarner.....	1.20
6	$\frac{5}{8}$ x18 Spring Yarner.....	1.20
6	$\frac{1}{2}$ x18 Spring Yarner.....	1.10
29	$\frac{3}{4}$ x7 Slitting Chisel.....	.80
29	$\frac{5}{8}$ x6 Slitting Chisel.....	.60
LC	Lead Cutter	3.00
13	$\frac{3}{4}$ Star Drill.....	1.40



HEATING BOILERS

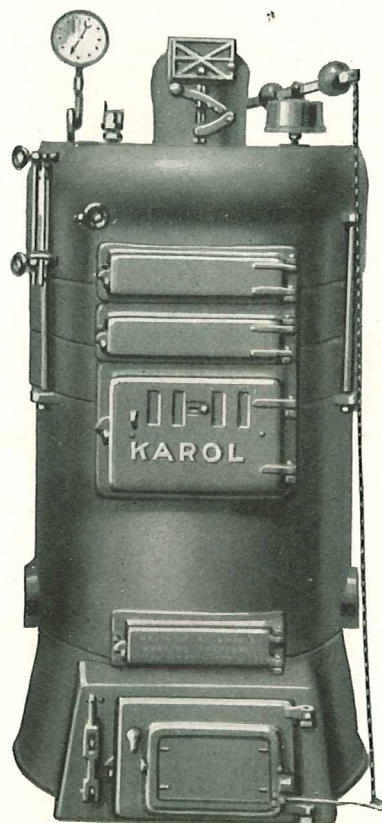
**KAROL Steam and Water Boilers
for Hard and Soft Coal, Coke,
Lignite or Oil**

A Hot Water Coil Furnished Free With Every Boiler

KAROL Steam and Water Boilers have been most carefully designed and constructed with the view of giving the householder honest value in return for every dollar he invests in one of our heating plants. All of our boilers are manufactured in strict conformity with the best known and recognized boiler construction codes. Each boiler has the proper marking cast thereon, designating that it is so constructed. This is an important safeguard in purchasing hot water or steam boilers.

There is no greater advantage or value to be added to your home than the comforts offered by a good STEAM or HOT WATER HEATING plant. This convenience is now available to every home owner at a very small cost, due to the wonders obtained from our engineering service, where ideas, methods, etc., have been thoroughly studied. Heating plants of this type are much more sanitary and considerably more healthful. You will not have cold drafts sweeping over the floors or cold corners in the house. Your home will always be evenly heated to a uniform temperature with less fuel need than on any other type or make of heating system. The only attention that really must be given is to refill with fuel, and this is so simple an operation that any child can take care of it.

We maintain a staff of heating experts who figure out your requirements if you will send a sketch of your building showing the layout of your rooms, the locations of the radiators, and the style or type that you may desire. Our draftsmen will design your complete job and besides serve you with a blue print working plan that will enable you or any handy man to install your job and besides save you a lot of money.



S-419



S-420

The pig iron which is used in making our boilers must pass a rigid chemical analysis before being accepted by us, and is afterward melted under most careful supervision by a competent engineer.

The machining operations are done with machine-shop equipment especially built for the purpose. Each machine operation performed is tested with an accurate jig. The highest possible standard is assured you when you purchase our boiler. We absolutely guarantee against defects, both in material and workmanship, therefore all defective castings will be replaced free of charge.

MEASUREMENTS AND RATING DATA

S-419 STEAM BOILERS

Size of Boiler	Rating Square Feet	Height to Top Outlet	Size Grate Diam.	Size of Tapping	Size Smoke Pipe	Shipping Weight Pounds	Price
420-S	400	49 in.	20 in.	2½ in.	8 in.	850	\$ 84.00
520-S	450	55 in.	20 in.	2½ in.	8 in.	950	92.00
423-S	550	51 in.	23 in.	3 in.	8 in.	1050	92.00
523-S	600	57 in.	23 in.	3 in.	8 in.	1160	99.00
526-S	850	57 in.	26 in.	3 in.	10 in.	1350	115.00
626-S	900	63 in.	26 in.	3 in.	10 in.	1525	140.00
529-S	1100	58 in.	29 in.	4 in.	10 in.	1680	150.00
629-S	1200	65 in.	29 in.	4 in.	10 in.	1850	176.00

S-420 WATER BOILERS

Size of Boiler	Rating Square Feet	Height to Top Outlet	Size Grate Diam.	Size of Tapping	Size Smoke Pipe	Shipping Weight Pounds	Price
420-W	700	45 in.	20 in.	2½ in.	8 in.	750	\$ 69.00
520-W	750	49 in.	20 in.	2½ in.	8 in.	850	76.00
423-W	900	45 in.	23 in.	3 in.	8 in.	910	79.00
523-W	1000	50 in.	23 in.	3 in.	8 in.	1050	87.00
526-W	1300	52 in.	26 in.	3 in.	10 in.	1230	99.00
626-W	1400	57 in.	26 in.	3 in.	10 in.	1425	125.00
529-W	1700	54 in.	29 in.	4 in.	10 in.	1490	135.00
629-W	1950	58 in.	29 in.	4 in.	10 in.	1690	161.00

All Prices on Heating Materials Are Subject to Change Without Notice.

JACKETED BOILERS

For Steam and Hot Water

Beauty and Efficiency

THE JACKETED heating boiler marks the greatest improvement in heating equipment you can have in your home. It is absolutely without equal for producing heat, concentrating heat and for conserving heat. In designing this beautiful boiler for your home, we have taken into consideration the desires of a home owner. A home owner seeks a beautiful bathroom with beautiful fixtures, and now you can have a beautiful basement and an efficient heating boiler.



Construction

The colored steel casing around this boiler is insulated with thick asbestos mineral wool, which keeps the heat inside of the boiler so no cold air can go through it. Heating engineers everywhere claim that when a boiler is insulated as is this one, the efficiency is greatly increased. Do not be misled or confuse this style JACKETED boiler with some of those on the market today which are equipped with a square jacket on an ordinary round boiler. The proper efficiency cannot be obtained from this construction.



S-421

The JACKETED boiler has a full size 19 inch grate and has four large smoke flues instead of three as found on most other boilers. The extra flue and a deeper firepot give much additional heating surface, greatly increasing the boiler capacity. The sectional view illustrates the smoke consumer and construction of firepot. The arrows show how introduction of superheated air ignites smoke and gases which would otherwise be wasted. It also illustrates the exceptionally large smoke flues preventing smoke in basement when firing.



MEASUREMENTS AND RATING DATA

STEAM BOILER

Boiler No.	Steam Rating	Length Over-all	Width Fire Pot	Depth Grate	Grate Area	Water-line	Weight Pounds	Price
419	500 Ft.	20	19	13	1.65	47 1/4	1114	\$ 77.00
519	650 Ft.	24	19	17	2.18	47 1/4	1241	92.00
619	800 Ft.	28	19	21	2.74	47 1/4	1457	111.00
719	950 Ft.	32	19	25	3.27	47 1/4	1585	130.00
819	1100 Ft.	36	19	29	3.83	47 1/4	1774	150.00
919	1250 Ft.	40	19	33	4.35	47 1/4	1900	170.00
1019	1400 Ft.	44	19	37	5.00	47 1/4	2098	230.00
1119	1550 Ft.	48	19	41	5.55	47 1/4	2234	265.00

HOT WATER BOILER

Boiler No.	Water Rating	Length Over-all	Width Fire Pot	Depth Grate	Grate Area	Water-line	Weight Pounds	Price
419	850 Ft.	20	19	13	1.65	47 1/4	1093	\$ 69.00
519	1100 Ft.	24	19	17	2.18	47 1/4	1220	83.00
619	1350 Ft.	28	19	21	2.74	47 1/4	1436	102.00
719	1600 Ft.	32	19	25	3.27	47 1/4	1574	120.00
819	1850 Ft.	36	19	29	3.83	47 1/4	1753	135.00
919	2100 Ft.	40	19	33	4.35	47 1/4	1879	154.00
1019	2350 Ft.	44	19	37	5.00	47 1/4	2077	230.00
1119	2600 Ft.	48	19	41	5.55	47 1/4	2213	265.00

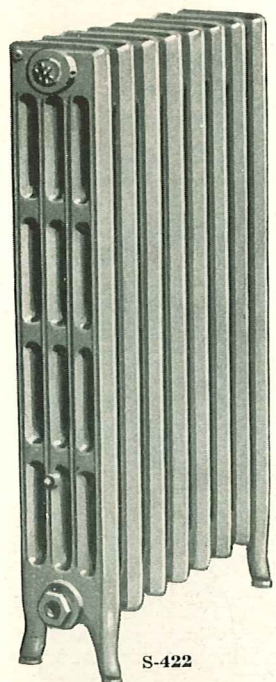


RADIATORS

For Hot Water or Steam

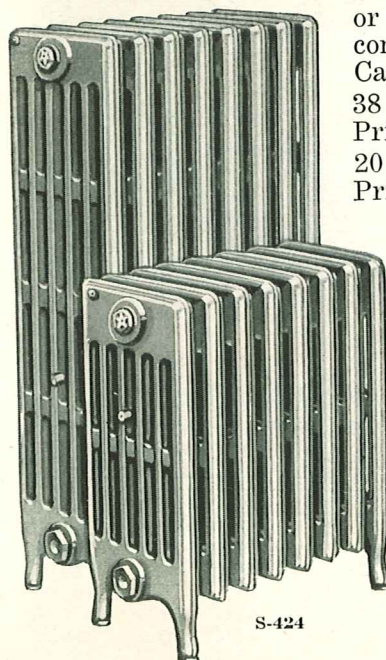
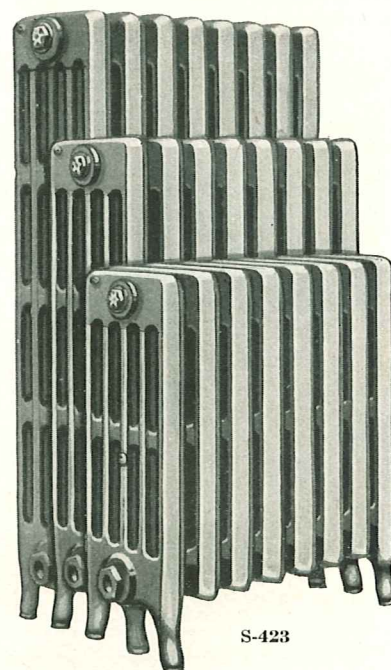
OUR new "ARTISTIC" type radiators impress all the name implies. Our heating engineers worked incessantly and perfected a radiator which cannot be surpassed in beauty, design and heating efficiency. A large opening between the tubes or columns and increased air space between the sections contribute a speedy transmission of heat; while smaller than the old type, the air circulating freely and rapidly above each section increases its radiating surface and efficiency. The most skeptical can now be convinced as to its classical beauty and graceful contour of perfection, this harmonizing with the most delicate decorations and interior finish.

All of our radiators are made of the best quality iron, thoroughly tested and absolutely guaranteed to be free from all imperfections. They are all finished off perfectly and are made strong and solid so that the roughest of handling can do them no harm. Radiators are furnished in any number of sections that may be desired. Radiators can be furnished with or without prime coat of paint.



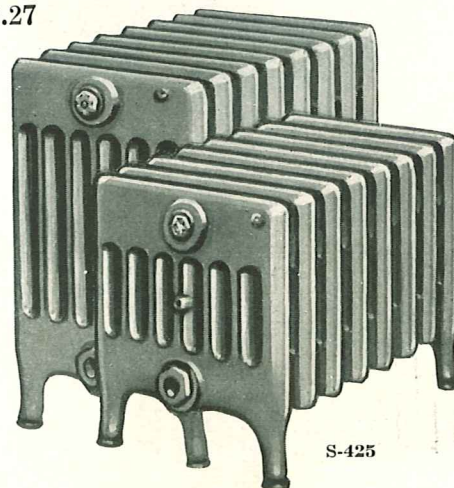
S-422 4 TUBE RADIATOR—This type is used in narrow rooms being only 6½ inches wide. Carried only in 38 inches high; has 4¼ ft. per section.
Price per foot.....\$0.27

S-423 5 TUBE RADIATOR—The regular standard type and generally used in all heating jobs. Carried in three heights.
38 in. high, 5 ft. per section.
Price per foot.....\$0.27
26 in. high, 3½ ft. per section.
Price per foot.....\$0.27
20 in. high, 2 2/3 ft. per section.
Price per foot.....\$0.27



S-424 6 TUBE RADIATOR—This is a more or less special type of radiator as it carries considerable radiation and still is small. Carried in 2 heights.
38 in. high, 6 ft. per section.
Price per foot.....\$0.27
20 in. high, 3 ft. per section.
Price per foot.....\$0.27

S-425 7 TUBE RADIATOR—The most popular for placing under windows, being wide enough to place a seat on. Being 12 inches wide on this account does not require as long a radiator as the other styles for the regulation living or dining room where usually placed. Carried in 2 heights.
20 in. high, 3 2/3 ft. per section.
Price per foot.....\$0.27
17 in. high, 3 ft. per section.
Price per foot.....\$0.27



Prices on Heating Materials Are Subject to Change Without Notice.

Exclusive Karol Features

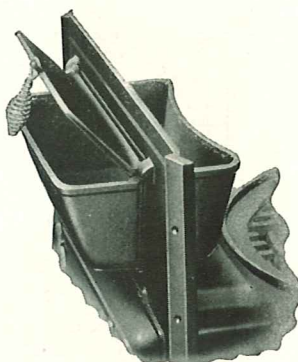
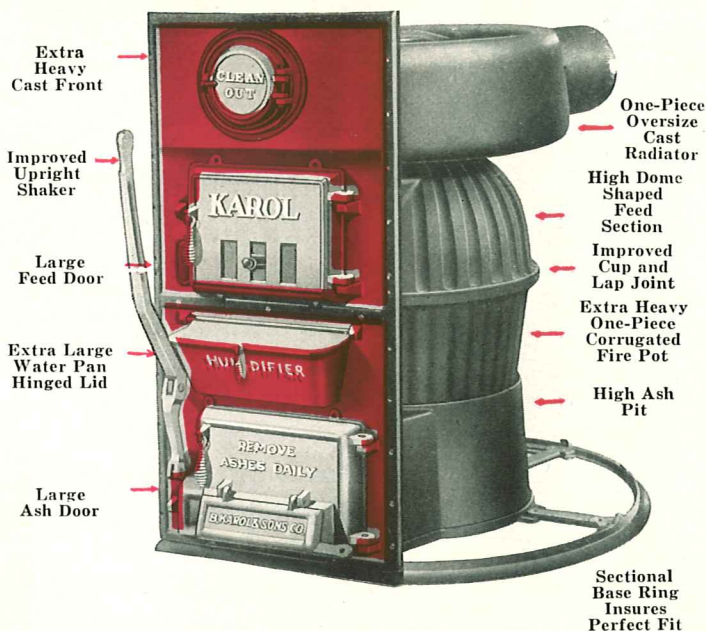
Insure Confidence and Customer Satisfaction

Extra Heavy



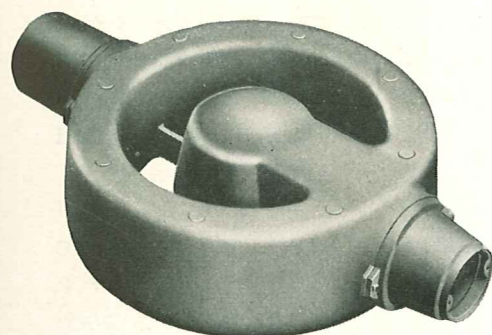
All Joints Positively Gas Tight One-Piece Corrugated Fire Pot

The fire pot is of the approved one-piece construction. The casting is extra heavy, and has deep corrugations which add to the strength and life of the fire pot. The corrugations are both out and inside and assure a constant circulation of air to the burning fuel around the edge of the fire pot.



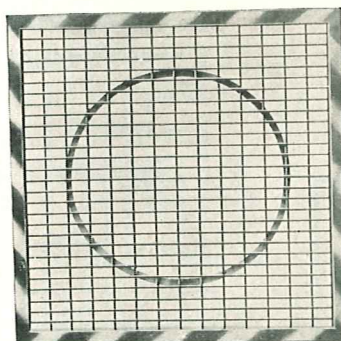
Extra Large Water Pan

All our furnaces have a large easily accessible water pan or humidifier which sets directly under feed door, close to fire pot. This water pan assures healthful moist air in every room.

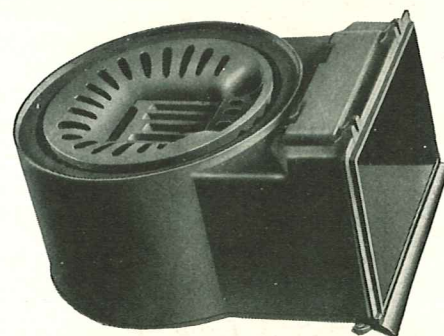


Oversize One-Piece Radiator

Made in one piece of the highest quality cast iron. It is much larger in diameter and heating surface than most furnaces. It is of horseshoe shape and extends around and over the fire dome. All heat and unburned gases must pass entirely through this radiator before going into the chimney, thus utilizing every atom of heat.



This heavy fabricated steel register neatly finished in oxidized copper harmonizes with the finest decorations. It is regular equipment in our pipeless furnace.

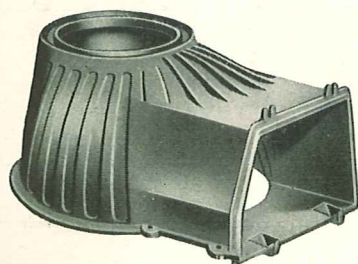


Ash Pit Showing Improved Flat Grate Assembly

Grates Are Roller Bearing

The ash pit is high and made extra heavy which assures a roomy pit and a firm, substantial foundation for the heavy upper sections. A high ash pit also prevents the burning out of grates.

Grates are the improved flat type with the center drop clinker clean-out. Grate revolves by upright waist high shaker handle which works easily on roller bearings and avoids stooping.



High Feed Section Corrugated—Dome-Shaped

Made of heavy cast iron, has deep corrugations inside as well as outside. The high and dome shape causes gases and smoke to burn quickly. All joints are positively gas tight.

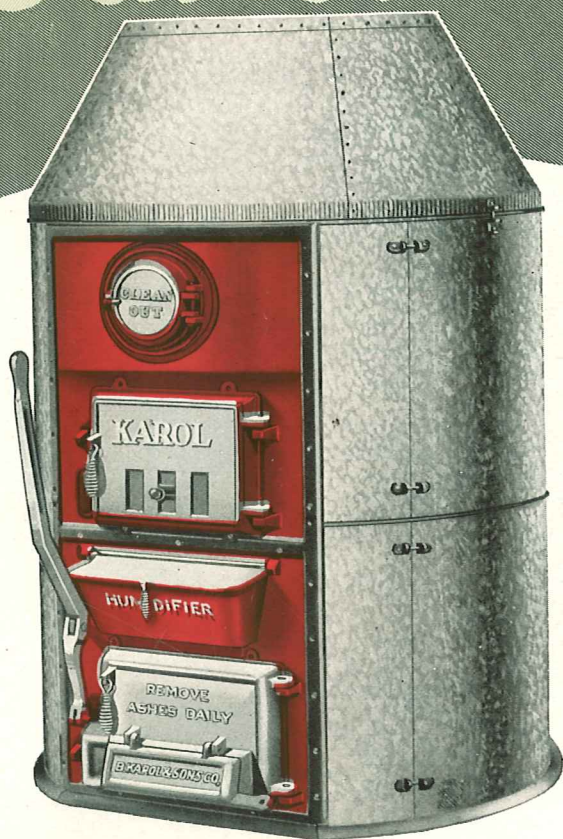


Cleanout and Smoke Pipe Collars

Both the cleanout collar and the smoke collar have deep grooves that are filled with asbestos packing and furnace cement. This gives you a double lap seal joint and is an extra safeguard. Asbestos packing is furnished with each furnace.

Karol Warm Air Furnace

"For Those Who Want the Best"
Sold at
Surprisingly Low Prices



S-426

Warm Air Pipe Furnace

A Hot Water Coil is furnished free with every Pipe or Pipeless Furnace.

THERE is no better furnace for durability, economy, ease of operation or installing—than the Karol. They are scientifically designed by expert heating engineers to produce a maximum amount of heat with less fuel.

Compare the weight, construction and specifications of this furnace with other furnaces and you will be convinced (considering quality); it is today's greatest furnace value.

We have gained the confidence of the buying public, by building our furnaces without exception, to the highest standard of quality. It's usually the hidden parts of a furnace that test its ability to give solid comfort all winter long. Karol furnaces assure dependable performance—we do not substitute cheaper materials to lower our price. Every part has a guaranteed quality.

Karol Warm Air Furnaces are fitted with the improved flat type, draw center clinker free grates. They are furnished with the one piece heavy corrugated fire pots and other features as shown and described on preceding page.

SPECIFICATIONS OF KAROL PIPE FURNACES

Furnace Numbers	Size Inches	Diameter Casing Inches	Total Height Inches	Diameter Smoke Pipe Inches	Size Feed Door	Heating Capacity Square Inches	Heating Capacity Cubic Feet	Shipping Weights Complete with Casings Pounds	Price
418A	18	40	62	8	10 x13	360	10,000	900	\$46.00
420A	20	43	63	8	10 x13	435	14,000	1,025	55.00
422A	22	46	64	9	11 x14	490	22,000	1,125	64.00
424A	24	48	66	9	11 x14	575	28,000	1,250	75.00
428A	28	59	67	10	11½x16½	775	45,000	1,550	99.00

Note the heavy weight of this furnace.

Shipped from Chicago Stock.

Karol Pipeless Furnace

The Ideal Heating Plant For Heating Home With One Pipe

THE pipeless furnace is the ideal heating plant for heating an entire home with one pipe. This furnace is of the same construction and embodies all the improved features as our pipe furnace, the only difference being in casing.

The casings on our pipeless furnaces are constructed of three separate and distinct galvanized casings. These are as follows: The outer casing. The descending cool air from the room above is returned between this outer and inner casing. We next have the inner casing and we then have an extreme inner casing, or a casing that is spaced one inch from the inner casing, and this spacing is to permit an air space between the ascending warm air and the descending cool air, as the warm air ascends through the extreme inner casing while the cool air descends between the inner casing and the outer casing. This style casing is much more efficient and trouble proof than any makeshift casings lined with such materials as asbestos sheets and bright tin that are used in cheaper furnaces.



S-427

Pipeless Furnace

Oxidized Steel Register

Karol Pipeless Furnaces are furnished with a fabricated steel register, oxidized finished, harmonizing with the finest furnishings. This type of register is stronger and more efficient than the ordinary cast registers. The fabricated steel register has about 40% more free air space than a cast register. It has an actual open area of about 82%, an important factor in pipeless furnaces.

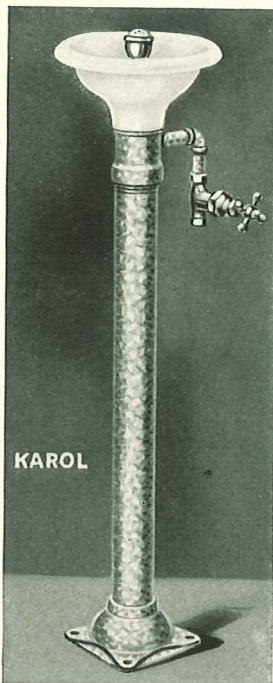
SPECIFICATIONS OF KAROL PIPELESS FURNACES

Furnace Numbers	Size Inches	Diameter Casing Inches	Height of Casing Adjustable From	Diameter Smoke Pipe Inches	Size Feed Door Inches	Register Size Inches	Heating Capacity Cubic Feet	Approximate Shipping Weight Complete Pounds	Price
518A	18	40	6 ft. to 8 ft.	8	10 x13	28x28	10,000	1,025	\$ 58.50
520A	20	43	6 ft. to 8 ft.	8	10 x13	30x30	14,000	1,190	71.00
522A	22	46	6 ft. to 8 ft.	9	11 x14	34x34	22,000	1,350	84.00
524A	24	48	6 ft. to 8 ft.	9	11 x14	36x36	28,000	1,500	95.00
528A	28	59	6 ft. to 8 ft.	10	11½x16½	42x42	45,000	1,875	108.00

Note the heavy weight of this furnace.

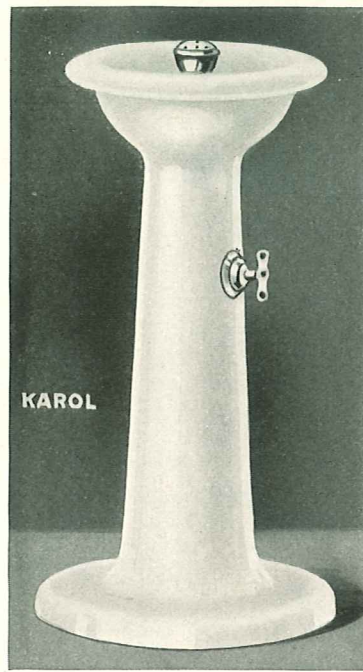
Shipped from Chicago Stock.

DRINKING FOUNTAINS



S-428 PEDESTAL FOUNTAIN—Enameled all over, roll rim drinking fountain with nickel-plated strainer, nickel-plated bubbler with regulator, galvanized combination waste and supply fittings with supply Ell and nipple, nickel-plated self-closing valve and 2-inch galvanized waste pipe with galvanized pedestal base. Diameter of bowl 6 inches, height 30 inches. Weight 50 lbs.

Price complete\$15.00



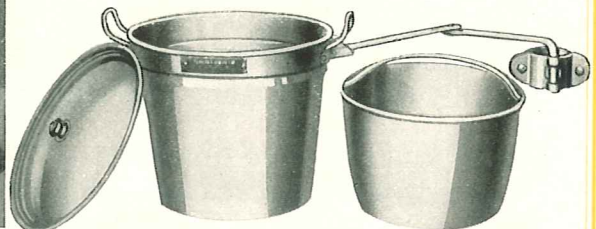
S-429 PEDESTAL FOUNTAIN—Enameled all over, one-piece pedestal drinking fountain with nickel-plated strainer, nickel-plated bubbler with regulator, concealed galvanized supply and waste pipe to floor with loose key compression stop through side for continuous flow.

Height	Price Complete
24 inches	\$29.50
30 inches	31.00
36 inches	34.00



S-430 WALL FOUNTAIN—Solid porcelain wall drinking fountain with china bubbler, self-closing supply valve with handle through side and concealed trap.

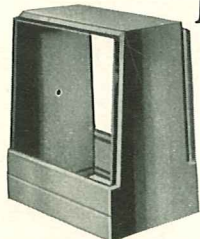
Price\$20.50



S-431 GARBAGE RECEPTOR—An all-aluminum outfit with garbage container perforated to drain liquid. Each part is made without joints to insure against rusting. Comes complete with bracket for attaching to sink trap.

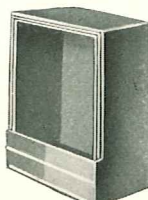
Price\$1.85

FITTINGS FOR WARM AIR FURNACE



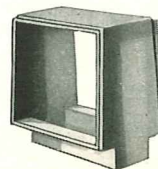
S-432 WALL BOX FOR TWO REGISTERS—Used on first floor baseboard where it is desired to heat two adjoining rooms with a single lead of pipe.

For Size Register	Price
8x10	\$1.65
9x12	1.77
10x12	1.92
11x13	2.31



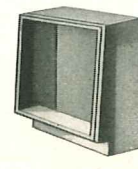
S-433 WALL BOX FOR ONE REGISTER—Used with first floor baseboard registers. Base is extra wide, the baseboard to be entirely cut away as the base of the box will project beyond. Allows a large volume of air to pass to the register.

For Size Register	Price
8x10	\$1.38
9x12	1.44
10x12	1.59
11x13	1.92



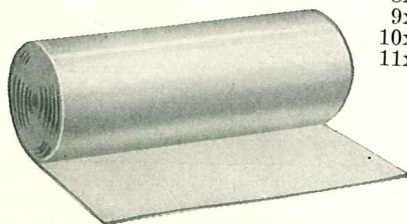
S-434 WALL BOX FOR TWO REGISTERS—For heating two adjoining rooms on second floor. Bottom of register comes flush with floor.

For Size Register	For Size Wall Stack	Price
8x10	3x10	\$1.65
9x12	3x12	1.77



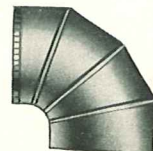
S-435 WALL BOX FOR ONE REGISTER—For fitting baseboard register on the second floor. Narrow throat to fit the regular narrow wall stack going through the plaster to reach second floor.

For Size Register	For Size Wall Stack	Price
8x10	3x10	\$1.38
9x12	3x12	1.44



S-436 ASBESTOS PAPER—For covering furnace pipes. This asbestos paper is an absolutely fireproof material being made of natural asbestos fibres reduced to a pulp and spread out into a sheet of uniform thickness. 50-pound rolls sufficient for a furnace outfit.

Price per roll.....\$3.75
Cold water paste, 2½ lb. pkg..... .35



S-437 ADJUSTABLE ELBOWS FOR WARM AIR PIPE—Adjustable to any angle from straight to 90 degrees. For making connections from furnace to register boxes, stacks, etc., in basement.

Size Inches	Price	Size Inches	Price
8	\$0.28	10	\$0.35
9 .....	.30	12 .....	.50

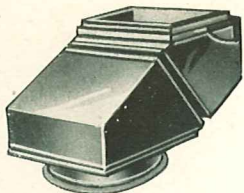
S-438 GALVANIZED ELBOWS FOR SMOKE AND COLD AIR PIPE—Adjustable to any angle.

Very convenient for making odd turns, etc., such as are occasionally encountered to overcome obstructions in basements. Made of 26-gauge galvanized iron.

Size Inches	Price	Size Inches	Price
7	\$0.36	14	\$1.05
8 .....	.42	16	1.35
9 .....	.48	18	1.65
10 .....	.55	20	1.90
12 .....	.75	22	2.20

[[All Our Furnace Fittings Are Double Construction. See Next Page for Additional Fittings.]]

FURNACE REGISTERS, PIPE AND FITTINGS

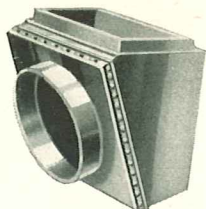


S-439 BOOT AND OFF-SET—For offsetting girders in the basement to reach first floor wall boxes where baseboard registers are used. For single opening first floor wall box.

Size Register and Wall Box	Size Collar	Price
8x10	9	\$2.34
9x12	10	2.46
10x12	10	2.64
11x13	12	3.36

S-440 FOR DOUBLE OPENING

Size Register and Wall Box	Size Collar	Price
8x10	9	\$2.67
9x12	10	2.94
10x12	10	3.15
11x13	12	4.10

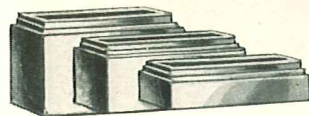


S-441 BOOT FOR REGISTER BOX—For first floor wall box for one register.

Size Register and Wall Box	Collar Inches	Price
8x10	9	\$1.38
9x12	10	1.44
10x12	10	1.56
11x13	12	1.86

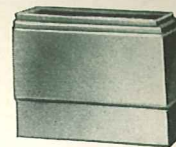
S-442 FOR FIRST FLOOR WALL BOX FOR TWO REGISTERS

Size Register and Wall Box	Collar Inches	Price
8x10	9	\$1.68
9x12	10	1.80
10x12	10	1.92
11x13	12	2.52



S-443 SAFETY WALL PIPE—Self-locking, double construction. Lengths range from 2 inches up to 2 feet. Any length can be obtained without cutting, by assembling sections of different length and using our adjustable stack joint. Prices given are per piece in lengths as indicated.

Size Stack Inches	Length of piece, inches	Price
3x10	2 4 6 9 12 24	30c 36c 42c 54c 60c \$1.08
3x12		36c 42c 48c 60c 69c 1.20



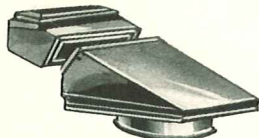
S-444 ADJUSTABLE STACK JOINT—Two pieces of wall stack telescoping within each other. Length can be adjusted within 1/100-inch from 7 to 13 inches. Should be used on every stack leading to the second floor.

For Size Stack	Price
3x10	\$0.90
3x12	1.05



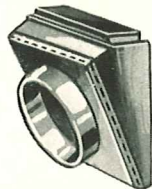
S-445 FLOOR REGISTER BOX—Highly efficient funnel pattern. Strongly made.

For Register Size	Size Collar	Price
8x10	8	\$0.43
9x12	9	.52
10x12	10	.58
12x14	12	.69
14x16	14	1.15



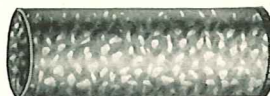
S-446 BOOT AND OFF-SET—For offsetting girders in basement, to make connection to our standard double construction safety wall pipe.

For Stack Inches	Collar Inches	Price
3x10	8	\$1.85
3x12	9	2.10



S-447 STACK BOOT—Used in connection with double stack to second floor.

For Size Stack	Size Collar	Price
3x10	8	\$1.26
3x12	9	1.41



S-448 GALVANIZED PIPE FOR SMOKE OR COLD AIR—Made of 26-gauge galvanized iron. Shipped nested. Joints are fitted and the pipe assembled on the job. Improved patented lock seam needs only to be hammered down. Furnished in two-foot lengths.

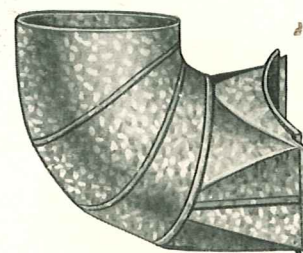
Size Inches	Price Per Length	Size Inches	Price Per Length
7	\$0.39	14	\$0.70
8	.43	16	.80
9	.47	18	.95
10	.52	20	1.10
12	.62	22	1.35

Larger Sizes on Application



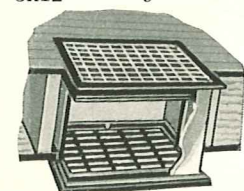
S-449 TIN FURNACE PIPE—Special patented joint makes assembling simple. Needs only an ordinary hammer to hammer down the seam. Furnished in two-foot lengths.

Size Inches	Price Per Length	Size Inches	Price Per Length
8	\$0.40	10	\$0.50
9	.45	12	.60



S-454 FURNACE SHOE—For round cold air pipe. For connecting round cold air pipe into bottom of furnace casing. Collar can be adjusted from angle of 90 degrees to straight out. Made of 26-gauge galvanized steel. Mention diameter of furnace.

Size of Collar	Shipping Weight, lbs.	Price
16 inches	7	\$3.60
18 inches	8	4.10
20 inches	9	4.40
22 inches	10	5.25



S-450 FLOOR AND CEILING REGISTER—Pressed steel. Used to let heat from first floor up to second floor. Recommended for heating with pipeless furnaces to distribute the heat. The ceiling part is enameled white and the floor register is black japan. Held securely together by strong steel springs and is adjustable from 7 to 12 inches.

Size Inches	Price
8x10	\$2.40
9x12	2.85
10x12	3.45
10x14	4.55
12x14	5.75

S-451 BASEBOARD REGISTER—Made of pressed steel. Mention size wanted.

Size Inches	Black Japan	Oxidized Copper	White Japan
8x10	\$1.20	\$2.10	\$1.40
9x12	1.80	2.70	2.10
10x12	2.40	3.45	2.75
11x13	2.70	4.05	3.15

S-452 COLD AIR FACES—Steel and wood.

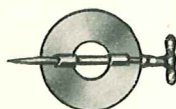
Size Inches	Wood Oak Finish	Steel Black Japan
16x20	\$1.35	\$ 3.05
20x24	2.00	4.30
24x30	3.00	8.60
30x30	3.75	10.75

S-453 FLOOR REGISTER—Made of steel.

Size Inches	Black Japan	Oxidized Copper
8x10	\$0.99	\$1.90
9x12	1.25	2.40
10x12	1.45	2.65
12x14	2.60	4.10

Size Inches	Borders Black Japan	Oxidized Copper
8x10	\$0.75	\$1.65
9x12	1.00	2.15
10x12	1.05	2.25
12x14	1.65	3.20

Prices for Larger Sizes on Application



S-455 SMOKE PIPE DAMPER—Simple and effective. Saves coal bills.

Size Inches	Price
7	\$0.36
8	.48
9	.60
10	.72
12	.84



S-456 WARM AIR DAMPER—Easily attached. Efficient and satisfactory.

Size Inches	Price
8	\$0.20
9	.24
10	.24
12	.36



S-457 PITCHED BONNET COLLAR—(Galvanized.) For connecting warm air pipe to side of pitched bonnet of furnace casing.

Size Inches	Price
8	\$0.24
9	.28
10	.30
12	.36

S-458 COLD AIR COLLAR—Flat type. Used in making connection to cold air pipe from cold air face. To be nailed to joist.

Pipe Size	Price
16 inches	\$1.25
18 inches	1.40
20 inches	1.60
22 inches	1.90

{ OUR FURNACE FITTINGS ARE ALL DOUBLE TIN CONSTRUCTION }

